



ECSS Amsterdam 2014

Final Programme

Sport Science Around the Canals

19th Annual Congress of the
European College of Sport Science
ECSS Amsterdam 2014

Hosted by
VU University Amsterdam and
VU University Medical Center Amsterdam





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A few of the 150,000 participants
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Amsterdam, the Netherlands



Everything in moderation. Except fun, try to have lots of that.

Mission Olympics helps keep teens active through inter-school competitions in the Netherlands.

Today, physical inactivity and obesity are among the leading health challenges worldwide. By promoting balanced diets and active lifestyles, we can be part of energy balance solutions.

First, our portfolio: Currently, we offer over 3,500 beverages globally, and nearly 25% are reduced, low- or no-calorie options. The Coca-Cola Company has made a commitment to offer low- or no-calorie beverage options in every market where we do business.

As for packaging choices, we've created a variety of package sizes – in both glass and aluminum, including serving sizes of 250mL or less.

Providing choice is important – but so is enabling informed choice and marketing our beverages responsibly. Nearly all our packaging provides nutrition information featuring calories 'front of pack,' and we do not advertise directly to children under 12.

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The Coca-Cola Company



Sport Science around the Canals

19th Annual Congress of the European College of Sport Science
ECSS Amsterdam 2014 – The Netherlands, 2 – 5 July

Final Programme

Hosted by

VU University Amsterdam and VU University Medical Center Amsterdam

Welcome

Welcome to Amsterdam

Dear congress participant,

On behalf of MOVE research institute amsterdam and the EMGO Institute for Health and Care Research we welcome you to the capital of The Netherlands for the 19th annual ECSS Congress.

The purpose of the European College of Sport Science (ECSS) is the promotion of Sport Science in an international, multi-cultural, multidisciplinary, as well as interdisciplinary context. Besides that ECSS recognizes that scientific excellence in Sport Science is based on disciplinary competence embedded in the understanding that its essence lies in its multi- and interdisciplinary character.

The scientific programme we offer you mirrors every detail of the above standing mission statement of ECSS. There will be plenary sessions about general subjects like 'Women versus men in sport and exercise', as well as many invited symposia about the latest scientific research results in a wide range of fields including sports medicine, social sciences and biomechanics.

ECSS 2014 in Amsterdam will be a rollercoaster of knowledge. You will regret the fact that you have only two ears and two eyes. Especially because your scarce free time will be swallowed up by all the great attractions the city of Amsterdam has to offer. The historical architecture, the old masters and of course the canals are all must see's.

Amsterdam is the perfect place for the annual ECSS Congress. Both at VU University Amsterdam and VU University Medical Center Amsterdam sports and human movement are studied in depth. At the MOVE research institute amsterdam researchers are constantly working on understanding and improving sport performance by studying biomechanical, exercise and muscle physiological, and perceptual and cognitive processes and factors.

Research at EMGO Institute for Health and Care Research is devoted to the health aspects of sports and physical (in-) activity. The vast output is mainly in high-impact, refereed international journals devoted to both theoretical and applied aspects of sports and human movement research.

We wish you a very pleasant stay in Amsterdam and an interesting congress experience.

Arnold de Haan, Willem van Mechelen, Peter Beek

Congress Presidents

ECSS
Amst

Organization

Congress Presidents

- Arnold de Haan (NED)
- Willem van Mechelen (NED)
- Peter Beek (NED)

ECSS Executive Board

- Marco Narici - President (GBR)
- Sigmund Loland – Past President (NOR)
- Tim Cable – President Elect (QAT)
- Joan L. Duda (GBR)
- Stephen Seiler (NOR)
- Gisela Sjøgaard (DEN)

ECSS Scientific Board

- Anton Wagenmakers - Chair (GBR)
- Flemming Dela - Co-Chair (DEN)
- Jan Cabri - Secretary (NOR)
- Paul Greenhaff (GBR)
- Martin Halle (GER)
- Susanna Hedenborg (SWE)
- Luc van Loon (NED)
- Jose Antonio Lopez Calbet (ESP)
- Abigail Louise Mackey-Sennels (DEN)
- Erich Müller (AUT)
- Nicole Wenderoth (SUI)

ECSS Scientific Committee

- Natalia Balague (ESP)
- Wilhelm Bloch (GER)
- Annalisa Cogo (ITA)
- Wim Derave (BEL)
- Peter Federolf (NOR)
- Taija Finni (FIN)
- Daniel Green (GBR)
- Michael Grey (GBR)
- Markus Gruber (GER)
- Jørn Wulff Helge (DEN)
- Ylva Hellsten (DEN)
- Pierre-Nicolas Lemyre (NOR)
- Johannes van Lieshout (NED)
- Mike McNamee (GBR)
- Maria Francesca Piacentini (ITA)
- Afroditi Stathi (GBR)
- Cecilie Thøgersen-Ntouman (GBR)
- Janice L. Thompson (GBR)

ECSS Office

- Thomas Delaveaux
- Elias Tsolakidis
- Steffen Neubert
- Tuulia Hokkanen
- Juliane Melber

Local Scientific Committee

- Allard van der Beek
- Peter Beek
- Maarten van Bottenburg
- Maarten Bobbert
- Koen Breedveld
- Hein Daanen
- Jaap van Dieën
- Karin Gerrits
- Arnold de Haan
- Ivo van Hilvoorde
- Thomas Janssen
- Richard Jaspers
- Jos de Koning
- Koen Lemmink
- Willem van Mechelen
- Mireille van Poppel
- Jo de Ruiter
- Geert Savelsbergh
- Knoek van Soest
- Evert Verhagen
- Floris Wardenaar

Additional reviewers

- Cécile Boot
- Gertjan Ettema
- George Havenith
- Han Houdijk
- Vana Hutter
- John van der Kamp
- Willem van der Laarse
- Koen Levels
- Huub Maas
- Dionne Noordhof
- Raoul Oudejans
- Rob Pijpers
- Hidde van der Ploeg
- Karin Proper
- Bart Roelands
- Dick Thijssen
- Yves Vanlandewijck
- Lex Verdijk
- Rob Wüst
- Herman IJzerman

Organizing Committee

- Irene van Baardwijk
- Peter Beek
- Allard van der Beek
- Carine Damen
- Arnold de Haan
- Herman IJzerman
- Thomas Janssen
- Jos de Koning
- Romke Langezaal
- Solveig Lund
- Willem van Mechelen
- Hidde van der Ploeg
- Jo de Ruiter
- Eric van Rossum
- Thom Veeger
- Evert Verhagen

Congress
erдам 2014 – NED

General Information

VENUE

Amsterdam RAI Convention Centre is located only 3 km (1,8 miles) from the historical city centre, and is the main convention centre in The Netherlands.

Amsterdam RAI Convention Centre
Europaplein 2-22
1078 GZ Amsterdam
The Netherlands
T: +31 (0) 20 549 12 12
F: +31 (0) 20 646 44 69

CONGRESS OFFICE AND REGISTRATION

The Congress registration desks are located left of the main entrance at the ground floor of building G.

Opening hours are:

- Wednesday, July 2nd 8.00 to 18.00 hrs
- Thursday, July 3rd 8.00 to 18.00 hrs
- Friday, July 4th 8.00 to 18.00 hrs
- Saturday, July 5th 8.00 to 16.00 hrs

REGISTRATION FEES INCLUDE

Registration fee for participants includes:

- Admission to all scientific sessions
- Admission to exhibition
- Admission to the Opening Ceremony
- Admission to the Opening Reception*
- Congress material (Congress Bag, Final Programme - in print, Book of Abstracts – print on demand Euro 25,-/ Euro 35,-)
- Coffee or tea (7 breaks) and lunches (3) at the congress venue*
- Admission to the Closing Ceremony
- Admission to the Congress Party (pre-booking required)

Registration fee for accompanying persons includes:

- Admission to exhibition
- Admission to the Opening Ceremony
- Admission to the Opening Reception*
- Congress material (Congress Bag, Final Programme - in print, Book of Abstracts – print on demand Euro 25,-/ Euro 35,-)
- Coffee or tea (7 breaks) and lunches (3) at the congress venue*
- Admission to the Closing Ceremony
- Admission to the Congress Party (pre-booking required)

Please note that accompanying persons don't have admission to scientific sessions

Registration fee for additional exhibitors (two free delegates per company) includes:

- Admission to all scientific sessions
- Admission to exhibition
- Admission to the Opening Ceremony
- Admission to the Opening Reception*
- Congress material (Congress Bag, Final Programme - in print, Book of Abstracts – print on demand Euro 25,-/ Euro 35,-)
- Coffee or tea (7 breaks) and lunches (3) at the congress venue*
- Admission to the Closing Ceremony

* pre-booking required

CONGRESS STAFF

Congress Staff members will be available to answer questions about the Congress Programme, the location of lecture halls, rooms, meals etc. Staff members can be identified by the orange Polo-shirt with the Congress Logo.

SCIENTIFIC PROGRAMME

In developing the scientific programme, we have amassed an enviable collection of leading researchers and scholars from across Europe and around the Globe, to address our congress Sport Science around the Canals. Plenary and invited symposium sessions will provide a mix of styles and will focus on emerging new challenges within the broad range of disciplines that constitutes Sport Sciences. The programme will examine the exercise response from both empirical and applied viewpoints and from molecular to community contexts. In addition a large number of oral presentations, mini-oral presentations and e-poster presentations complete the programme.

1912 abstracts have been accepted and allocated as follows:

- 1 honorary session with 1 presentation
- 4 plenary sessions with 8 presentations
- 36 invited symposia with 106 presentations
- 72 Oral sessions with 415 presentations
- 106 Mini-Oral sessions with 848 presentations
- 534 e-posters

General Information

YOUNG INVESTIGATORS AWARD (YIA)

The ECSS has received 345 applications for this year's YIA. Out of those 345 applications 125 have met the administrative requirements for the YIA and based on thorough review entered the final stage of the competition. They will present their papers in front of the jury in Amsterdam.

The applicants are contending for 20 prizes (10 oral and 10 mini-oral). The Scientific Board and Committee will select the 10 best presentations for each category. Four finalists of the oral presentations will present their papers again. They will have 15 minutes each: 10 minutes presentation time and 5 minutes to answer questions of the Scientific Board and/or Scientific Committee at the Closing Ceremony on Saturday, July 5th. All winners will be announced and receive their prizes at the end of the Closing Ceremony and following the final evaluation by the ECSS Scientific Board and Scientific Committee.

- The top 10 candidates of each category (oral/mini-oral) will be announced on Friday afternoon, July 4th 2014 at the ECSS congress booth next to the registration desk.
- They will be invited to join the YIA-Cocktail to take place in the evening on Friday, 4th of July 2014.
- In order to receive their certificate and prize money all prize winners will be asked to be present personally at the Young Investigators Award Ceremony that takes place on Saturday, July 5th, commencing at 16:20h.
- Prize winners who do not attend and accept their prize within the framework of the YIA Ceremony on Saturday, July 5th 2014 cannot be considered for the award prize.

PRIZE MONEY

Generous cash prizes will be provided for the finalists.

Oral presentations

- 1st - Euro 4.000,--
- 2nd - Euro 3.000,--
- 3rd - Euro 2.000,--
- 4th - Euro 1.000,--
- Equal 5th - Euro 500,--

Mini-Oral presentations

- 1st - Euro 3.000,--
- 2nd - Euro 2.000,--
- 3rd - Euro 1.000,--
- 4th - Euro 500,--
- Equal 5th - Euro 300,--

PRESENTATION REGULATIONS AND SPEAKERS READY ROOM

Before

The Speakers Ready Room is located on the first floor, room G 101.

Please locate your lecture hall well in advance of your session and familiarise yourself with the setup. Invited and oral presentation format is PowerPoint. All PowerPoint presentations must be preloaded in the Speakers Ready Room. This must be done the day before your session and as early as possible on Wednesday for sessions on that day.

Once at your session/hall - please check that the file is available on the pc and that it is functional. Note that using private laptops is not allowed.

All presenters must be available at the respective lecture hall 15 minutes before the session starts. Please introduce yourself to the Chair. There will be one or two Amsterdam volunteers in each lecture hall who can help with logistics, IT and timing of presentations.

During

The Chair will introduce you and call you to speak (name, institution, title of presentation, and if the speaker is running for YIA). Please practice to keep to the exact timeline of the session:

- 10 min presentation
- 5 min discussion

An Amsterdam volunteer will show you (and the Chair) a yellow card at 9 minutes and a red card at 10 minutes, in order to guide you with respect to the timeline of the presentation. When necessary, a red card will be shown to you again after the allocated 10 minutes, in order to advise you and the Chair to move on to the next presentation.

After

Please clear the room as soon as possible at the end of the session as the next session will start within 15 minutes of the end of your session.

Mini-Oral Sessions

Before

Mini-oral sessions require the pre-upload of the presentation in pdf format (4 slides only) in landscape (horizontal). The presentation time is 2 minutes plus 2 minutes questions and answers. The presentation must be pre-uploaded right in advance of the congress via your ECSS account (deadline 15th of June 2014).

Please locate the lecture room of your mini-oral session right in advance. Once at your session please check if the file of your presentation is available on the pc and that it is functional. Introduce yourself to your session Chair(s). Be present at least 10 minutes before your session starts.

During

The Chair introduces the speakers (name, institution, title of presentation, and if the speaker is running for YIA). Please practice to keep to the exact timeline of the session:

- 2 minutes presentation
- 2 minutes discussion

The Chair will initiate discussion allowing the audience to pose questions first.

After

Please leave the room soon after the end of the mini-oral session as there may be a session following shortly after.

General Information

CONGRESS LANGUAGE

The official congress language is English. No simultaneous translation will be provided.

MEALS AND COFFEE BREAKS

Congress lunches and coffee breaks are included in the fee for the congress participants. Lunch bags (if pre-booked) are served in the Exhibition Area (ground and first floor) on Thursday to Saturday. Coffee breaks are also served in the Exhibition Area (ground and first floor) from Wednesday to Saturday.

Lunch tickets (if pre-booked)

For lunches participants have been asked to pre-book, indicating special food requirements. For each day (Thursday, Friday, Saturday) you will receive a lunch ticket at the registration desk upon arrival.

BADGES

All registered participants and accompanying persons receive a badge. Exhibiting companies have Exhibitor Passes and accredited members of media have Media Passes. The badge is your document to enter the congress site or any of the social activities. Badges must be worn at all times.

TRANSPORTATION

Amsterdam is easily accessible via its public transport services. We recommend making yourself familiar with the GVB public transportation in Amsterdam. Please check <http://en.gvb.nl/pages/home.aspx> for public transport options and <http://www.iamsterdam.com/en-GB/experience/plan-your-trip/getting-around/rental/bike-hire> for bike hire.

MESSAGES AND CHANGES IN THE PROGRAMME

Messages to participants are given via e-mail. Any changes in the programme will also be announced via e-mail.

INTERNET SERVICES

Wireless internet will be available at the congress venue. You obtain a log-in code at the registration desk.

TECHNICAL EXHIBITION

The technical exhibition is located on the ground and first floor. The opening hours, at which exhibitors' attendance is mandatory, are:

- Wednesday July 2nd 15.00 to 20.30 hrs
- Thursday July 3rd 10.00 to 16.30 hrs
- Friday July 4th 10.00 to 16.30 hrs
- Saturday July 5th 10.00 to 14.15 hrs

TOURIST INFORMATION

From its earliest days, Amsterdam has been a bustling hub of commerce that welcomed other cultures with open arms. Learn more about this lovely canal-side city, including the rich history and development of its tolerant society. Or jump straight to today and find out about the city's architecture and its colourful neighbourhoods. If you're feeling ambitious, you might even pick up a few words of Dutch.

Amsterdam can be reached quickly, directly and comfortably from all over the world. Amsterdam Schiphol Airport is a modern airport, which has direct scheduled connections to 237 cities in more than 100 countries by 85 airlines. Train and motorway connections to Amsterdam from all major European destinations are excellent. Train and taxi connections from Schiphol Airport to the congress venue take only 10-15 minutes. The city centre can be reached in just 20 – 25 minutes.

ACCREDITATION FOR DUTCH PARTICIPANTS

Applications for credits have been sent to:

- Koninklijk Nederlands Genootschap voor Fysiotherapie (KNGF)
- Vereniging voor Sportgeneeskunde (VSG)
- Accreditatie Deskundigheidsbevorderende Activiteiten Paramedici (ADAP), 27 credits
- Nederlandse Orthopaedische Vereniging (NOV), 12 credits
- Nederlandse Vereniging voor Cardiologie (NVVC), 12 credits
- Accreditatie Bureau Cluster 1 (ABC1), 27 credits

SOCIAL PROGRAMME

The ECSS congress and Amsterdam offer you a wide range of social events apart from the scientific programme. All functions are included in the congress registration fees, unless indicated differently.

Opening Ceremony

This is the official opening of the congress and will feature on opening addresses from the congress presidents and the ECSS president together with some local entertainment.

Opening Reception (sponsored by the City of Amsterdam)

The Opening Ceremony will be followed by an Opening Reception, which is also the official opening of the exhibition, with some finger food and drinks. We thank the city of Amsterdam for sponsoring this event. Pre-booking obligatory.

ECSS General Assembly

All ECSS members are invited to join the ECSS General Assembly to get informed of the latest facts and figures and the development of the society. Wednesday, 2nd July 2014, 11:00-12:00 room G109.

Closing Ceremony

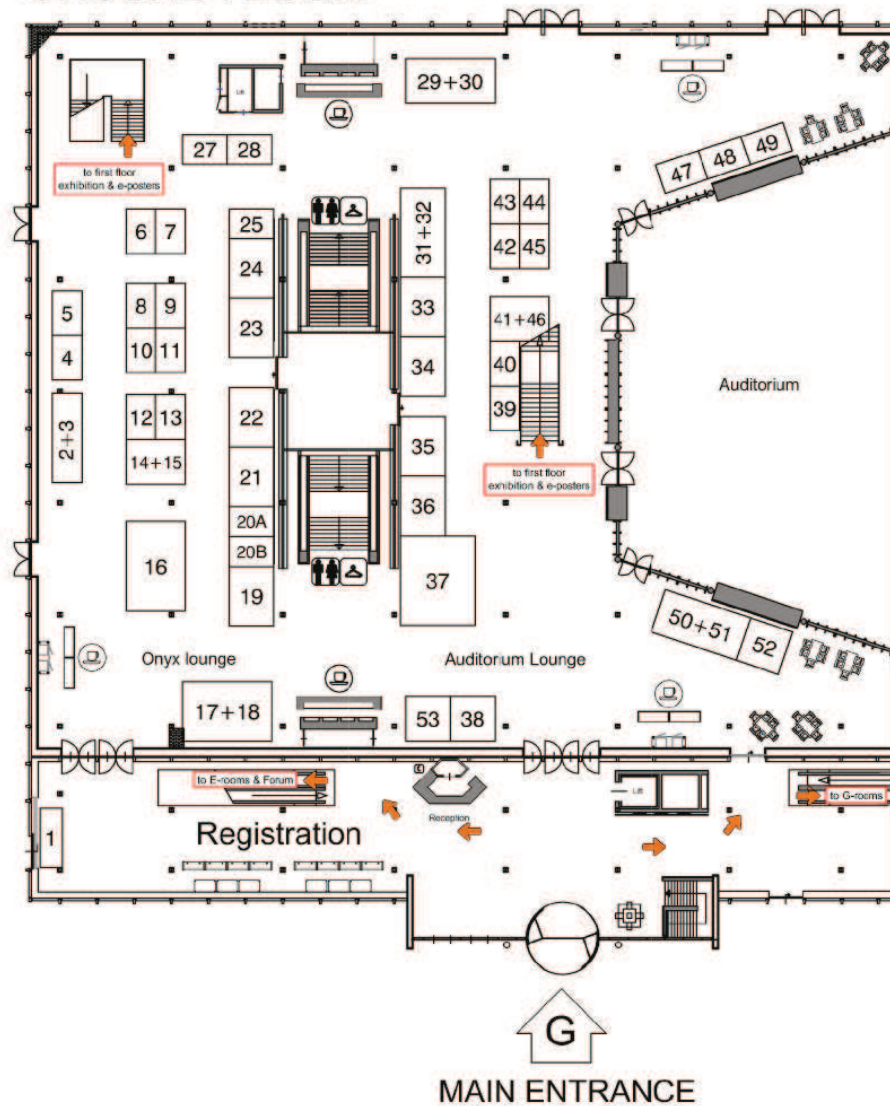
The Closing Ceremony will immediately follow the Young Investigator Awards and will feature Thanks and Goodbye from Amsterdam and a presentation from the 20th Annual Congress ECSS Malmö 2015 in Sweden.

ECSS Congress Party (pre-booking required)

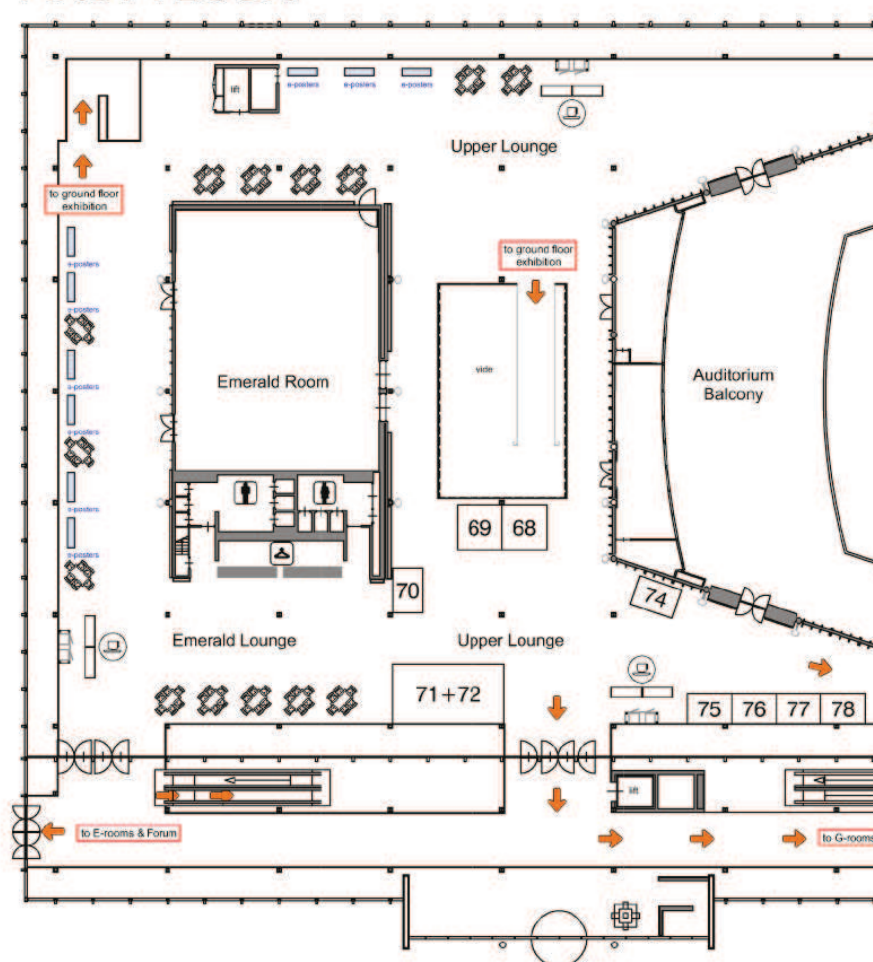
The Congress Party will take place in Science Center Nemo on Saturday night. It will be the time to celebrate and dancing will be compulsory.

Exhibition Area

GROUND FLOOR



FIRST FLOOR

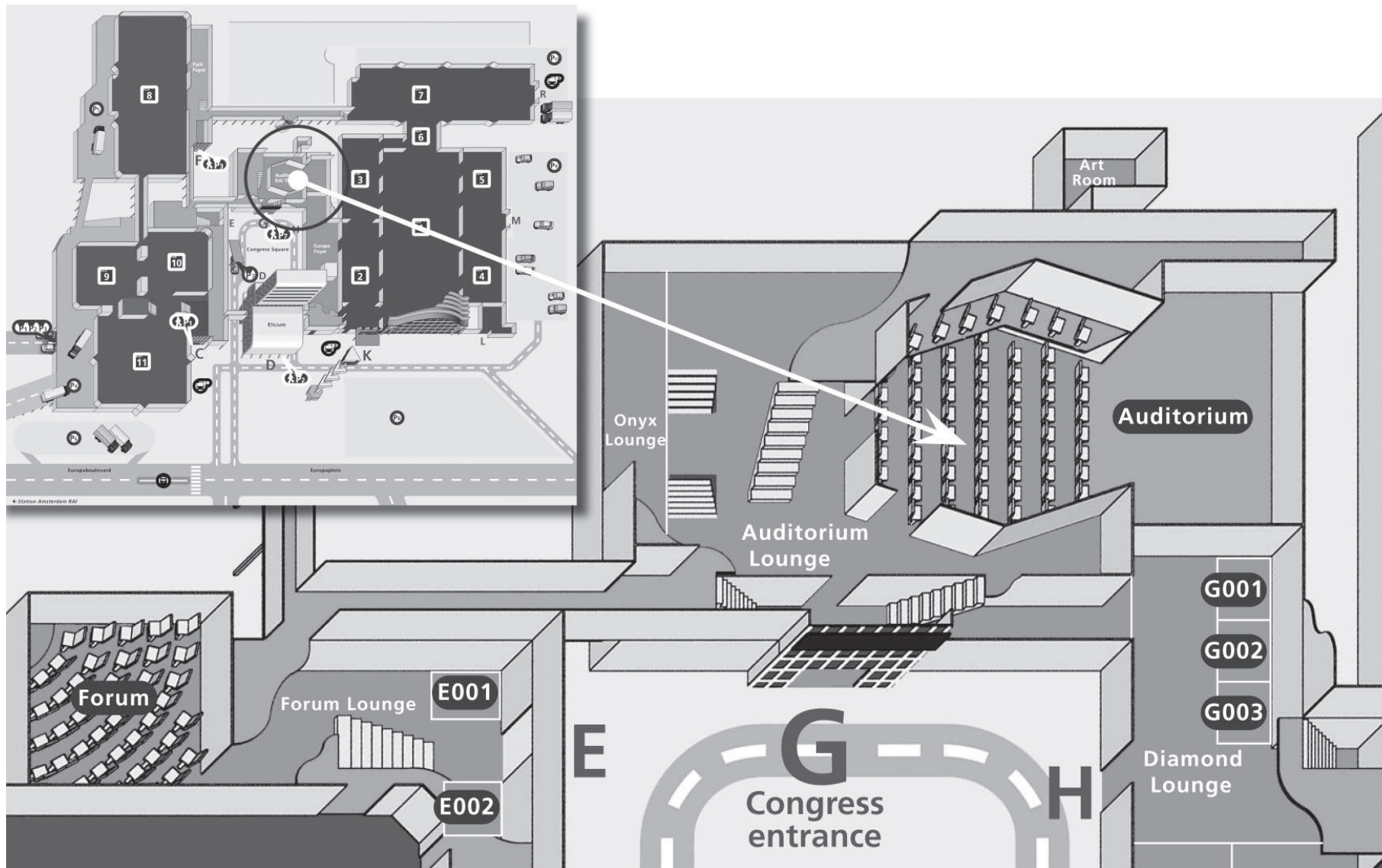


Congress Exhibitors

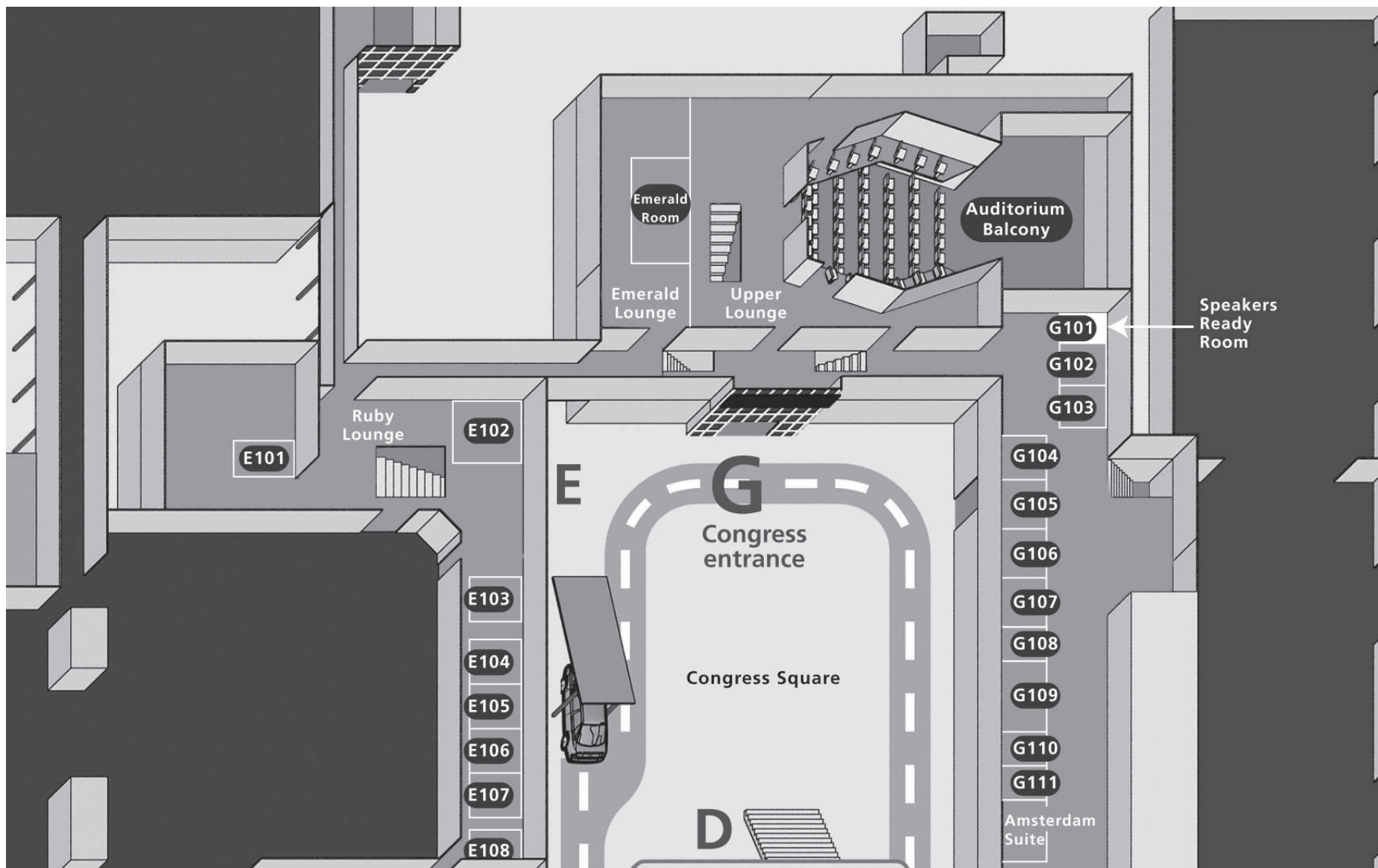
39	ActiGraph Objective physical activity monitoring hardware and software USA	37	Aspetar Orthopaedic and Sports Medicine Hospital Qatar	35	CORTEX Biophysik GmbH CPET systems Germany	42	FrieslandCampina DMV BV Dairy ingredients The Netherlands
74	Activinsights Ltd Wrist-worn, raw data, tri-axial accelerometer used in physical activity research United Kingdom	11	Bodystat Ltd. Body composition and fluid monitoring units bio-electrical impedance British Isles	14-15	COSMED S.r.l. Comprehensive Cardiopulmonary, Metabolic and Body Composition solutions for the Research, Sport Science and human Performance field Italy	45	Galileo Novotec Medical GmbH Vibration training devices, ground reaction force plates Germany
10	aerolution c/o ACEOS GmbH Cutting-edge technology in respiratory and metabolic diagnostics for nutritional and exercise treatment Germany	5	CamNtech Ltd. Medical devices manufacturer United Kingdom	77	Delsys Inc. Surface Electromyography (sEMG), Surface Decomposition EMG (dEMG) and complementary Biosignal Systems USA	16	Gatorade Sports Science Institute Gatorade Sports Science Institute focuses on Research, Education and Athlete Services in the fields USA
53	AlterG Ltd The AlterG Anti-Gravity Treadmill® United Kingdom	70	CareFusion Netherlands 238 B.V. Vyntus CPX The Netherlands	36	DorsaVi ViPerform & ViMove – wireless inertial and EMG sensors United Kingdom	24	h/p/cosmos sports & medical GmbH h/p/cosmos treadmill ergometer Germany
40	AMTI Biomechanic force platform systems USA	8	Catapult Sports Pty Ltd Athlete Analytics United Kingdom	27	ECSS Malmö 2015 20th annual congress of the European College of Sport Science Sweden	52	Human Kinetics Publisher UK
41-46	ANT Neuro b.v. eegosports - ultra-mobile eeg & emg acquisition platform The Netherlands	6	Check Check solution = device + mobile application to study neuromuscular load of the athlete Finland	1	ECSS Office Organiser of the annual congress of the European College of Sport Science Germany	2-3	HUR Labs Oy Performance testing products Finland
43	Artinis Medical Systems B.V. Optical imaging and oxygenation measurements The Netherlands	49	C-Motion, Inc. Biomechanics research software, Visual3D USA	69	Forcelink Treadmills The Netherlands	21	InnoSportLab Papendal The ideal test and measurement environment for elite sports in the Netherlands The Netherlands
		9	Contemplas GmbH Worldwide software solutions for general motion analysis in the sport and medicine market Germany				

23	Kistler Instrumente AG Force Plates, Force and Acceleration Sensors, Software for Performance and Balance analysis Switzerland	4	PAL Technologies Ltd activPAL™ - clinical tools for quantifying sedentary, upright and ambulatory activities and behaviour Scotland, UK	34	Routledge Taylor & Francis Group Publisher of European Journal of Sport Science United Kingdom		Producer, Muscle Diagnostic, TMG 100 Slovenia
19	Lode B.V. Bicycle and treadmill ergometers and ergometry software The Netherlands	7	PhysioFlow Inc. USA / Manatec Bio-medical France A unique range of noninvasive cardiac output monitors France	48	SensoMotoric Instruments GmbH Eye tracking hardware and software Germany	20A	Velamed GmbH Biomechanic Full Supplier Germany
76	McRoberts DynaPort MoveMonitor, DynaPort MM, DynaPort MM+ and DynaPort MT The Netherlands	38	Polar Electro The pioneer and world's leader of heart rate monitoring and fitness evaluation equipment The Netherlands	25	Simi Reality Motion Systems GmbH Movement analysis Germany	75	Vicon Motion capture hardware and software United Kingdom
12	Mega Electronics Ltd eMotion EMG, eMotion Faros Mobile remote ECG monitoring Finland	17-18	Power Bar Europe GmbH Power Bar Premium Sports Nutrition Germany	22	SM Europe Orthopedic products such as orthoses and the cryovest France	68	Woodway GmbH WOODWAY Slat Belt Treadmills, Wattbike Indoor Bikes Germany
31-32	MICROGATE SRL Innovative and well-known solutions (e.g. OptoJump Next, Witty), consulting, and technical support to coaches and trainers Italy	78	POWERbreathe International Ltd Inspiratory Muscle Training, Better Breathing and Altitude Simulation Training United Kingdom	47	Tanita Europe B.V. Precision Electronic Scales & Body Composition Analysers The Netherlands	29-30	Xsens Technologies B.V. Human motion analysis The Netherlands
33	Monark Exercise AB Sports & Medical Products for life and Performance Sweden	20B	Qualisys AB 3D Motion Capture System - Movement Analysis System Sweden	13	Tekscan, Inc. Pressure Measurement Systems USA		
28	Northern Digital Systems Motion Capture Systems Canada	50-51	RBM elektronik-automation GmbH Cyclus2 - The Ergometer for Pros - PERFORMANCE DIAGNOSTICS AND TRAINING ON YOUR OWN BIKE Germany	71-72	The Coca-Cola Company Beverages Belgium		
				44	TMG-BMC Ltd.		

Lecture Rooms - Ground floor



Lecture Rooms - First floor



Your notes

Sessions

Plenary Sessions / Honorary session ..17

Oral Presentations.....18

Wednesday, July 2nd 18

Thursday, July 3rd 20

Friday, July 4th 28

Saturday, July 5th 36

Mini Oral Presentations

Wednesday, July 2nd (13:00-14:00) 40

Wednesday, July 2nd (14:00-15:00) 44

Thursday, July 3rd (14:00-15:00) 48

Thursday, July 3rd (15:00-16:00) 52

Friday, July 4th (14:00-15:00) 56

Friday, July 4th (15:00-16:00) 60

e-Poster 64

Exhibitors profiles75

Plenary sessions

Wednesday, July 2nd, 2014

16:50 - 18:15

Auditorium PS-PL01

Women versus men in sport and exercise

CHAIR(S):

VAN POPPEL, M. [NETHERLANDS]

DE RUITER, J. [NETHERLANDS]

16:50 PS-PL01-1
GENDER DIFFERENCES IN PHYSICAL ACTIVITY AND
SEDENTARY TIME; DO THEY TRANSLATE TO GENDER
DIFFERENCES IN HEALTH OUTCOMES?
BROWN, W. [AUSTRALIA]

17:30 PS-PL01-2
SEX DIFFERENCES IN NEUROMUSCULAR FATIGUE AND
PERFORMANCE: WHY DOES IT MATTER?
HUNTER, S.K. [UNITED STATES]

Thursday, July 3rd, 2014

12:00 - 13:15

Auditorium PS-PL04

Who has the future in public health – young or old?

CHAIR(S):

VAN MECHELEN, W. [NETHERLANDS]

VAN DER BEEK, A. [NETHERLANDS]

12:00 PS-PL04-1
BEND THE TWIG AND BEND THE TREE
CHIN, A. ET AL [NETHERLANDS]

12:40 PS-PL04-2
THE CASE FOR EXERCISE PROMOTION IN THE ELDERLY
BOREHAM, C. [IRELAND]

Friday, July 4th, 2014

12:00 - 13:15

Auditorium PS-PL02

Interaction between thermal environment, mental and physical status of the athlete and power output *

CHAIR(S):

HAVENITH, G. [UNITED KINGDOM]

DAANEN, H. [NETHERLANDS]
12:00 PS-PL02-1
BEHAVIOURAL ADAPTATIONS DURING EXERCISE IN EXTREME
AMBIENT TEMPERATURES
FLOURIS, A.D. [GREECE]

12:40 PS-PL02-2
PERFORMANCE IN THERMAL EXTREMES - ADAPTATION TO HEAT
AND COLD
DAANEN, H. [NETHERLANDS]

Saturday, July 5th, 2014

12:00 - 13:15

Auditorium PS-PL03

Challenges for the Paralympic Games: fairness and identity *

CHAIR(S):

GOOSEY-TOLFREY, V. [UNITED KINGDOM]

JANSSEN, T. [NETHERLANDS]

12:00 PS-PL03-1
PARALYMPIC SPORT PERFORMANCE: HOW CAN DIVERSITY
IN TRAINING, EQUIPMENT, ERGONOMICS AND IMPAIRMENT
RESULT IN FAIR COMPETITION?
VANLANDEWUICK, Y. [BELGIUM]

12:40 PS-PL03-2
BRAVE NEW „PARALYMPIC“ WORLD: ABILITY, TECHNOLOGY
AND ETHICS
MCNAMEE, M. [UNITED KINGDOM]

* clinical track

Oral & Invited Presentations

Auditorium	IS-PM03	Forum	IS-BN01	Emerald	IS-PM01	E102	OP-PM01	G102	OP-BN01
Control of skeletal muscle mass with ageing: Effects of exercise, inactivity and inflammation * - sponsored by IOC Solidarity Fund		Maximizing wheeling performance! *		Asthma in the athletes * - sponsored by IOC Solidarity Fund		Muscle Protein Synthesis & Balance		Neuromuscular Physiology	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
Narici, M. [United Kingdom]		Veeger, d. [Netherlands]		Cogo, A. [Italy]		Mackey, A. [Denmark]		Frencken, W. [Netherlands]	
Jaspers, R. [Netherlands]		van der Woude, L. [Netherlands]						Avela, J. [Finland]	
15:00	IS-PM02-1	15:00	IS-BN01-1	15:00	IS-PM01-1	15:00	[YIA] OP-PM01-1	15:00	[YIA] OP-BN01-1
INFLAMMATION: FRIEND OR FOE OF SKELETAL MUSCLE?		MAXIMIZING WHEELING PERFORMANCE! WHEELCHAIR TRAINING: WHAT IS THE IDEAL STRATEGY AND PROGRAMME?		MECHANISMS OF ASTHMA DEVELOPMENT IN ELITE ATHLETES		RELATIONSHIPS BETWEEN LONG-TERM MUSCLE PROTEIN SYNTHESIS AND HYPERTROPHY IN RESPONSE TO RESISTANCE EXERCISE TRAINING: A NOVEL D2O TRACER APPROACH		MUSCLE-SPECIFIC HYPERTROPHY OF SYNERGISTIC MUSCLES IN COMPETITIVE CYCLISTS	
Kjaer, M. [Denmark]		Goosey Tolfrey, V. [United Kingdom]		Carlsen, K.H. [Norway]		Brook, M.S. et al [United Kingdom]		Ema, R. et al [Japan]	
15:30	IS-PM02-2	15:30	IS-BN01-2	15:30	IS-PM01-2	15:15	[YIA] OP-PM01-2	15:15	[YIA] OP-BN01-2
IMPACT OF INACTIVITY ON MUSCULOSKELETAL HEALTH IN AGEING		FITTING THE WHEELCHAIR TO THE ATHLETE		ASTHMA IN ATHLETES		NEUROMUSCULAR ELECTRICAL STIMULATION PREVENTS SKELETAL MUSCLE FIBER ATROPHY IN FULLY-SEDATED ICU PATIENTS		INTER-DANCER DIFFERENCE IN MUSCLE ACTIVITIES AT JOINT PHASE TRANSITION DURING TIPTOE STANDING IN CLASSICAL BALLET	
Greenhaff, P. [United Kingdom]		van-der-Woude, L. et al [Netherlands]		Bonsignore, M. [Italy]		Dirks, M.L. [Netherlands]		Tanabe, H. [Japan]	
16:00	IS-PM02-3	16:00	IS-BN01-3	16:00	IS-PM01-3	15:30	[YIA] OP-PM01-3	15:30	[YIA] OP-BN01-3
MAINTAINING MUSCLE MASS IN OLD AGE: EXERCISE, NUTRITION OR DRUGS?		THE PERFECT WHEELCHAIR		DIAGNOSIS AND TREATMENT OF ASTHMA IN ATHLETES		LEUCINE ENRICHED PROTEIN FEEDING DOES NOT IMPAIR EXERCISE-INDUCED LIPID OXIDATION: IMPLICATIONS FOR TRAINING IN CARBOHYDRATE RESTRICTED STATES		AGE-RELATED DECREASE IN POSTURAL CONTROL IS RELATED TO DIFFERENT MODULATION IN MOTOR CORTICAL INHIBITION BETWEEN POSTURAL TASKS	
Greig, C.A. [United Kingdom]		Vaslin, P. [France]		Backer, V. [Denmark]		Impey, S.G. et al [United Kingdom]		Papegaaij, S. et al [Netherlands]	

G103	OP-PM02	G104	IS-SH01	G105	OP-SH01	G106	OP-PM03	G107	OP-BN02
Alternative Exercise Training		FEPSAC symposium - Knowing what we want tomorrow in order to prepare for it today: Career development and transitions of talented, elite and retired athletes		Sports Policy and Statistics		Lifestyle Research		Kinematics	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
Truijens, M. [Netherlands]		Sanchez, X. [Netherlands]		Nagel, S. [Switzerland]		van Poppel, M. [Netherlands]		Guadalupe Grau, A. [Denmark]	
15:00	[YIA] OP-PM02-1	15:00	IS-SH01-1	15:00	[YIA] OP-SH01-1	15:00	OP-PM03-1	15:00	OP-BN02-1
SATELLITE CELL AND MYONUCLEAR RESPONSE TO BLOOD FLOW RESTRICTED RESISTANCE EXERCISE		A DEVELOPMENTAL AND HOLISTIC PERSPECTIVE ON THE CAREER OF ELITE AND RETIRED ATHLETES		ATTACKING AND DEFENSIVE STYLES OF PLAY IN ELITE SOCCER		PREDICTING UPTAKE OF CYCLING FOR TRANSPORT IN ADULTS		SPINAL AND KNEE KINEMATICS IN LOW BACK AND LOWER LIMB INJURY IN CRICKET PACE BOWLERS	
Løvstad, A. et al [Norway]		Wylleman, P. et al [Belgium]		Fernandez Navarro, J. et al [Spain]		Titze, S. et al [Austria]		Olivier, B. et al [South Africa]	
15:15	[YIA] OP-PM02-2	15:00	IS-SH01-1	15:15	[YIA] OP-SH01-2	15:15	OP-PM03-2	15:15	OP-BN02-2
STRENGTH TRAINING IMPROVES RUNNING AND CYCLING PERFORMANCE		A DEVELOPMENTAL AND HOLISTIC PERSPECTIVE ON THE CAREER OF ELITE AND RETIRED ATHLETES		A NEW TOOL FOR MEASURING ANTI-DOPING ATTITUDES IN ELITE ATHLETES: THE ANTI-DOPING PROGRAMME EVALUATION QUESTIONNAIRE <APPROVE>		COST-EFFECTIVENESS OF TWO INTENSITIES OF A COMBINED LIFESTYLE INTERVENTION AIMED AT IMPROVING PHYSICAL ACTIVITY AND NUTRITIONAL BEHAVIOR.		AN INTEGRATED MEASUREMENT SYSTEM FOR ANALYSING LOWER LIMB BIOMECHANICS DURING HOCKEY SKATING	
Vikmoen, O. et al [Norway]		Wylleman, P. et al [Belgium]		Lamberti, N. et al [Italy]		Hendriks, M. [Netherlands]		LeVangie, M. et al [Canada]	
15:30	[YIA] OP-PM02-3	15:30	IS-SH01-2	15:30	OP-SH01-3	15:30	OP-PM03-3	15:30	OP-BN02-3
EFFECTS OF TRADITIONAL AND RESISTED SPRINT TRAINING IN HIGHLY TRAINED, FEMALE TEAM HANDBALL PLAYERS		THE ROLE OF WELL-BEING FORECASTS IN ELITE SPORT RETIREMENT PLANNING AND DECISION MAKING, AND POST-RETIREMENT LIFE ADJUSTMENT		VARIABILITY AND PREDICTABILITY OF PERFORMANCE TIMES OF ELITE ALPINE SKIERS		IMPACT OF AN NHS WORKPLACE HEALTH PROMOTION PROGRAMME ON STAFF HEALTH AND WELLBEING: A FEASIBILITY STUDY		THE POWER OF FORWARD FLEXION IN HOCKEY SKATE BOOT DESIGN	
Luteberget, L. et al [Norway]		Sanchez, X. et al [Netherlands]		Spencer, M. et al [Norway]		Scaife, R. et al [United Kingdom]		Lockwood, K. et al [Canada]	
15:45	[YIA] OP-PM02-4	16:00	IS-SH01-3	15:45	OP-SH01-4	15:45	OP-PM03-4	15:45	OP-BN02-4
EXERCISE TRAINING REDUCES THE FREQUENCY OF MENOPAUSAL HOT FLUSHES BY IMPROVING THERMOREGULATORY CONTROL		EVIDENCE-BASED INTERVENTION PROGRAMMES ADDRESSING AFFECTIVE FORECASTING ERRORS IN ELITE SPORT RETIREMENT		A COMPARISON OF CLASSIC AND SKATE CROSS-COUNTRY SKIING IN VARYING TERRAIN EMPLOYED BY MALE AND FEMALE WORLD-CLASS SKIERS		REPEATED LIFESTYLE INTERVENTION LEADS TO WEIGHT LOSS MAINTENANCE		PHYSICAL LOAD OF TOP-LEVEL ROAD RACING MOTORCYCLING COMPETITIONS VIA KINEMATICAL ANALYSIS.	
Bailey, T.G. et al [United Kingdom]		Lavallee, D. [United Kingdom]		Bolger, C. et al [Norway]		Dandaneil, S. et al [Denmark]		D'Artibale, E. [United States]	
16:00	[YIA] OP-PM02-5			16:00	OP-SH01-5	16:00	OP-PM03-5	16:00	OP-BN02-5
RELATIONSHIP BETWEEN RELATIVE AGE, ANTHROPOMETRY, MATURITY AND MOTOR SKILLS IN YOUNG ALPINE SKI RACERS COMPARED TO PUPILS OF THE SAME AGE				THE IMPORTANCE OF PRIVACY IN PROVIDING WHEREABOUTS FOR DUTCH ELITE ATHLETES		ADEQUATE WORKING ABILITY AND LOW EXHAUSTION IS CONNECTED WITH GOOD OVERALL FITNESS		LONG-TERM EFFECTS OF A COMPLEX FALL PREVENTION PROGRAM IN IN THE GENERAL PRACTITIONER SETTING [PREFALLS]	
Müller, L. et al [Austria]				De Hon, O. et al [Netherlands]		Malvela, M. et al [Finland]		Geilhof, B. et al [Germany]	
				16:15	OP-SH01-6	16:15	OP-PM03-6	16:15	OP-BN02-6
				PARALYMPICS AND THE REPRODUCTION OF TRAGEDY: ON ABJECTION, AESTHETICS, AND ATTITUDES		OBJECTIVELY DETERMINED ACTIVITY ENERGY EXPENDITURE DURING PREGNANCY AND CHANGES IN BODY MASS: THE HAPPY-STUDY		VALIDATION OF WEB-BASED PHYSICAL ACTIVITY MEASUREMENT SYSTEM USING TRIAXIAL ACCELEROMETERS	
				Jönsson, K. [Sweden]		Moss, S.J. et al [South Africa]		Namba, H. et al [Japan]	

Oral & Invited Presentations

Auditorium	OP-PM04	Forum	OP-BN03	Emerald	OP-PM05	E102	OP-PM06	G102	OP-BN04
Nutrition & Supplements		Biomechanics		Sports Medicine & Exercise Therapy		High Intensity Intermittent Training (HIT)		Motor Control & Learning	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
Verdijk, L. [Netherlands]		van Soest, K. [Netherlands]		Quist, M. [Denmark]		Wüst, R. [Netherlands]		Seifert, L. [France]	
Raastad, T. [Norway]		Federolf, P. [Norway]		08:30 [YIA] OP-PM05-1		Draper, N. [United Kingdom]		Maffiuletti, N. [Switzerland]	
08:30 [YIA] OP-PM04-1		08:30 [YIA] OP-BN03-1		EFFECT OF LOW VERSUS HIGH INTENSITY PHYSICAL EXERCISE DURING CHEMOTHERAPY ON PHYSICAL FITNESS, FATIGUE AND CHEMOTHERAPY COMPLETION RATES: RESULTS OF THE PACES RANDOMIZED CLINICAL TRIAL		08:30 [YIA] OP-PM06-1		08:30 [YIA] OP-BN04-1	
DIETARY NITRATE SUPPLEMENTATION: EFFECTS ON PLASMA NITRITE AND PULMONARY O ₂ UPTAKE DURING EXERCISE IN HYPOXIA AND NORMOXIA		HUMAN ACHILLES TENDON PLASTICITY IN RESPONSE TO CYCLIC STRAIN: EFFECT OF RATE AND DURATION		van Waart, H. et al [Netherlands]		TRAINING INDUCED ALTERATION IN MITOCHONDRIAL ADP SENSITIVITY DEPENDS ON TRAINING INTENSITY		CENTRE OF PRESSURE AND MUSCLE DYNAMICS DURING STANDING WITH UNSTABLE FOOTWEAR	
Kelly, J. et al [United Kingdom]		Bohm, S. et al [Germany]		08:45 [YIA] OP-PM05-2		Dohlmann, T. et al [Denmark]		Buchecker, M. et al [Austria]	
08:45 [YIA] OP-PM04-2		08:45 [YIA] OP-BN03-2		A PILOT STUDY OF MODERATE PHYSICAL ACTIVITY IN HIV-INFECTED PERSONS RECEIVING ANTI-HIV DRUGS: BENEFITS ON SOLUBLE AND CELL MARKERS OF INFLAMMATION		08:45 [YIA] OP-PM06-2		08:45 [YIA] OP-BN04-2	
EFFECTS OF DIETARY NITRATE SUPPLEMENTATION ON BLOOD PRESSURE, THE O ₂ COST OF EXERCISE, AND WALKING PERFORMANCE IN INDIVIDUALS WITH TYPE 2 DIABETES		PRINCIPAL COMPONENT ANALYSIS OF IN-SKATE PLANTAR FORCE TO DISCRIMINATE HIGH AND LOW CALIBER HOCKEY PLAYERS		Bonato, M. et al [Italy]		THE EFFECT OF CONCURRENT RESISTANCE AND HIGH INTENSITY INTERVAL EXERCISE ON ACUTE MRNA RESPONSE IN UNTRAINED SKELETAL MUSCLE		IMPACT OF MOTOR IMAGERY AT SPINAL LEVEL	
Shepherd, A.I. et al [United Kingdom]		Buckeridge, E. et al [Canada]		09:00 [YIA] OP-PM05-3		09:00 [YIA] OP-PM06-3		Grospretre, S. et al [France]	
09:00 [YIA] OP-PM04-3		09:00 [YIA] OP-BN03-3		LOW GI MEALS MINIMISE POST-PRANDIAL HYPERGLYCAEMIA WHILST PROTECTING FROM EARLY ONSET HYPOGLYCAEMIA FOLLOWING EVENING EXERCISE IN T1DM		ORAL CONTRACEPTIVE USE AND ADAPTATIONS TO HIGH INTENSITY INTERVAL TRAINING IN RECREATIONALLY-ACTIVE WOMEN		09:00 [YIA] OP-BN04-3	
DIETARY NITRATE IMPROVES COGNITIVE FUNCTION AND EXERCISE PERFORMANCE DURING PROLONGED INTERMITTENT SPRINT CYCLING		FATIGUE NEGATIVELY AFFECTS PURPORTED INJURY PREDICTORS DURING BAREFOOT BUT NOT SHOD RUNNING		Campbell, M. [United Kingdom]		Schaumberg, M. et al [Australia]		THE EFFECT OF A FAMILY BASED RCT IN ENHANCING PHYSICAL ACTIVITY AND GROSS MOTOR SKILLS IN CHILDREN IS INFLUENCED BY SEASONAL VARIATION	
Thompson, C. et al [United Kingdom]		Coetzee, D. et al [South Africa]		09:15 [YIA] OP-PM05-4		09:15 [YIA] OP-PM06-4		Laukkanen, A. et al [Finland]	
09:15 [YIA] OP-PM04-4		09:15 [YIA] OP-BN03-4		THE USE OF LEFT VENTRICULAR STRAIN ANALYSIS AND EXERCISE TO IDENTIFY SUB-CLINICAL CARDIAC DYSFUNCTION IN OTHERWISE ASYMPTOMATIC CANCER SURVIVORS		EFFECTS OF HIGH-INTENSITY INTERVAL TRAINING ON THE RESTING METABOLIC RATE AND FAT OXIDATION		09:15 [YIA] OP-BN04-4	
INFLUENCE OF DIETARY NITRATE SUPPLEMENTATION ON INTERMITTENT EXERCISE PERFORMANCE		THE INCLUSION OF ROTATIONAL ACCELERATION IN ALPINE HELMET TESTING METHODOLOGY		Kearney, M. [United Kingdom]		Scheuer, C. et al [Denmark]		MIRROR ILLUSION REDUCES MOTOR CORTICAL INHIBITION IN THE IPSILATERAL PRIMARY MOTOR CORTEX DURING EFFORTFUL UNILATERAL MUSCLE CONTRACTIONS	
Wylie, L.J. et al [United Kingdom]		Dawson, L. et al [Canada]		09:30 [YIA] OP-PM05-5		09:30 [YIA] OP-PM06-5		Zult, T. et al [Netherlands]	
09:30 [YIA] OP-PM04-5		09:30 [YIA] OP-BN03-5		DISSOCIATION IN THE EFFECT OF TERBUTALINE ON HYPERPNOEA-INDUCED RESPIRATORY SYMPTOMS AND BRONCHOCONSTRICTION IN ATHLETES		INTERVAL EXERCISE, BUT NOT ENDURANCE EXERCISE, PREVENTS ENDOTHELIAL ISCHEMIA-REPERFUSION INJURY IN HEALTHY SUBJECTS		09:30 [YIA] OP-BN04-5	
INCREASING MUSCLE TOTAL CARNITINE CONTENT MAINTAINS PDC FLUX DURING REPEATED BOUTS OF VERY INTENSE EXERCISE		INCREASED POWER OUTPUT DURING CYCLING IS CHARACTERIZED BY CHANGES IN MUSCLE ACTIVATION STRATEGY AND VARIABILITY.		Simpson, A.J. et al [United Kingdom]		Seeger, J. et al [Netherlands]		TASK DEPENDENT CHANGES OF CORTICOSPINAL EXCITABILITY DURING OBSERVATION AND MOTOR IMAGERY OF POSTURAL TASKS	
Shannon, C.E. et al [United Kingdom]		Enders, H. et al [Canada]		09:45 [YIA] OP-PM05-6		09:45 [YIA] OP-PM06-6		Mouthon, A. et al [Switzerland]	
09:45 [YIA] OP-PM04-6		09:45 [YIA] OP-BN03-6		ASSOCIATION BETWEEN SELF-REPORTED WALKING PACE AND INDICATORS OF SLEEP-DISORDERED BREATHING: A POPULATION-BASED INVESTIGATION		THE EFFECT OF HIGH INTENSITY INTERVAL TRAINING ON THE MITOCHONDRIAL CAPACITY TO OXIDIZE FAT IN HUMAN SKELETAL MUSCLE		09:45 [YIA] OP-BN04-6	
EFFECTS OF VITAMIN C AND E SUPPLEMENTATION IN HEPcidIN SECRETION AND IRON REGULATION		MOMENT ARM DETERMINATION: SOURCES OF ERROR AND VIOLATIONS OF ASSUMPTIONS		Suri, S. et al [United Kingdom]		Søndergård, S. et al [Denmark]		TRAINING AND FATIGUE IN COMPETITIVE SWIMMING: COACHES PERCEPTIONS	
Barba Moreno, L. et al [Spain]		Miller, S.C. et al [United Kingdom]						Thow, J. et al [United Kingdom]	

G103	OP-PM07	G104	OP-SH02	G105	OP-SH03	G106	OP-PM08	G107	OP-PM09
Vascular Biology		Sports Sociology		Sports Psychology		Physical activity in children		Chronobiology & Exercise	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
Coombes, J. [Australia]		Thijssen, D. [United Kingdom]		Pijpers, R. [Netherlands]		McKay, H. [Canada]		Bonsignore, M. [Italy]	
Kenney, W. [United States]		Fahlén, J. [Sweden]		Elferink-Gemser, M. [Netherlands]		Diketmüller, R. [Austria]		Flouris, A. [Greece]	
08:30	[YIA] OP-PM07-1	08:30	OP-SH02-1	08:30	[YIA] OP-SH03-1	08:30	OP-PM08-1	08:30	OP-PM09-1
IMPACT OF HANDGRIP EXERCISE INTENSITY ON BRACHIAL ARTERY FUNCTION: ROLE OF SHEAR RATE		DETERMINING THE USE AND INTEREST IN HEALTH-RELATED SERVICES AND PRODUCTS BY EVENT RUNNERS		PERCEIVED MOTIVATIONAL CLIMATE, GOAL ORIENTATIONS AND ACCEPTANCE OF CHEATING AND GAMESMANSHIP IN YOUNG FOOTBALLERS		DIFFERENCES IN ACCELEROMETER ASSESSED PHYSICAL ACTIVITY LEVELS AND ACTIVITY-HEALTH RELATIONSHIPS IN CHILDREN USING INDIVIDUALLY CALIBRATED AND EMPIRICAL INTENSITY CLASSIFICATION CUT POINTS		TIME-OF-DAY EFFECT ON PHYSIOLOGICAL AND IMMUNOLOGICAL RESPONSES TO A TIME TRIAL IN A HOT AND HUMID ENVIRONMENT.	
Atkinson, C.L. et al [Australia]		Janssen, M.A. et al [Netherlands]		González, L. et al [Spain]		Boddy, L.M. et al [United Kingdom]		Boukelia, B. et al [United Kingdom]	
08:45	[YIA] OP-PM07-2	08:45	OP-SH02-2	08:45	[YIA] OP-SH03-2	08:45	OP-PM08-2	08:45	OP-PM09-2
ALTERED VENTRICULAR MECHANICS AND INCREASED TROPONIN AFTER A 60-MIN COMPETITIVE CYCLE RACE.		MALMÖ YOUTH SPORT STUDIE		PACING IN A BROADER SENSE: TACTICS IN SHORT TRACK SPEED SKATING		AN INTEGRATED CURRICULUM APPROACH TO INCREASING HABITUAL PHYSICAL ACTIVITY IN PRIMARY SCHOOL CHILDREN, UK: A FOCUS ON SOUTH ASIAN CHILDREN FROM DEPRIVED BACKGROUNDS		DOES RAISING MORNING RECTAL TEMPERATURE TO EVENING LEVELS OR AN 'OPTIMAL' LEVEL <38.50C> OFFSET THE DIURNAL VARIATION IN QUADRICEPS MAXIMAL VOLUNTARY CONTRACTION FORCE?	
Stewart, G. et al [Australia]		Petersson, T. [Sweden]		Konings, M.J. et al [United Kingdom]		Eyre, E.L.J. et al [United Kingdom]		Edwards, B.J. et al [United Kingdom]	
09:00	[YIA] OP-PM07-3	09:00	OP-SH02-3	09:00	[YIA] OP-SH03-3	09:00	OP-PM08-3	09:00	OP-PM09-3
INTRINSIC VENTRICULAR FUNCTION DOES NOT EXPLAIN REDUCED STROKE VOLUME AT REST AND DURING EXERCISE AT HIGH ALTITUDE.		A DECLINE OF YOUTH SPORT IN SWEDEN?		INTUITION: A DECISIVE ADVANTAGE WHEN PERFORMING UNDER PRESSURE?		EXECUTIVE FUNCTIONING MEDIATES THE RELATIONSHIP BETWEEN PHYSICAL FITNESS AND ACADEMIC ACHIEVEMENT IN PRIMARY SCHOOL CHILDREN		CLINIC AND AMBULATORY BLOOD PRESSURE RESPONSES AFTER A SESSION OF AEROBIC EXERCISE ARE DIFFERENT IN THE MORNING AND EVENING	
Stembridge, M. et al [United Kingdom]		Norberg, J. [Sweden]		Laborde, S. [Germany]		van der Niet, A.G. et al [Netherlands]		Brito, L. et al [Brazil]	
09:30	[YIA] OP-PM07-4	09:15	OP-SH02-4	09:15	[YIA] OP-SH03-4	09:15	OP-PM08-4	09:15	OP-PM09-4
THE IMPACT OF WATER IMMERSION DURING EXERCISE ON CEREBRAL PERFUSION		'WILLFUL BLINDNESS' AS A CONTRIBUTOR TO ATHLETE MALTREATMENT		REAPPRAISING AROUSAL FACILITATES MOTOR PERFORMANCE UNDER PRESSURE		PHYSICALLY ACTIVE TEENAGERS MORE SATISFIED WITH BODY FUNCTIONS AND MORE PRONOUNCED EGO- AND TASK-ORIENTED THAN INACTIVE PEERS		POST-EXERCISE PARASYMPATHETIC REACTIVATION IS BLUNTED IN THE EVENING IN PRE-HYPERTENSIVE SUBJECTS	
Pugh, C.J.A. et al [Australia]		Cook, E. et al [Canada]		Moore, L.J. et al [United Kingdom]		Sollerhed, A.C. et al [Sweden]		Peçanha, T. et al [Brazil]	
09:15	OP-PM07-5	09:30	OP-SH02-5	09:30	[YIA] OP-SH03-5	09:30	OP-PM08-5	09:30	OP-PM09-5
EFFECTS OF CO2 ON VENTILATORY AND CEREBROVASCULAR RESPONSES DURING PASSIVE HEATING IN HUMANS		PRESSURE TO PLAY: A SOCIOLOGICAL ANALYSIS OF PROFESSIONAL FOOTBALL MANAGERS' BEHAVIOURS TOWARDS INJURED PLAYERS		MONITORING PERCEIVED STRESS, RECOVERY AND SUBMAXIMAL PERFORMANCE DURING PREPARATION AND COMPETITION IN ELITE FEMALE ATHLETES		EFFECT OF PHYSICALLY ACTIVE ACADEMIC LESSONS ON PHYSICAL FITNESS OF PREADOLESCENT CHILDREN		DOES RAISING MORNING RECTAL TEMPERATURE TO EVENING LEVELS OR AN 'OPTIMAL' LEVEL <38.5°C> OFFSET THE DIURNAL VARIATION IN REPEATED SPRINT ABILITY ON A NON-MOTORISED TREADMILL?	
Tsuji, B. et al [Japan]		Bloyce, D. et al [United Kingdom]		Otter, R.T.A. et al [Netherlands]		De Greeff, J.W. et al [Netherlands]		Samuel Pullinger, A. et al [United Kingdom]	
09:45	OP-SH03-6			09:45	OP-SH03-6	09:45	OP-PM08-6		
A GROUNDED THEORY OF CONTINUED PARTICIPATION IN YOUTH RUGBY UNION				SELLARS, P.A. et al [United Kingdom]		PERCEPTION OF RECREATION FACILITIES, URBAN GREEN SPACES AND FOOD RETAILER: RELATIONSHIP WITH PHYSICAL ACTIVITY AND JUNK FOOD INTAKE.			
						Autran, R. et al [Portugal]			

Oral & Invited Presentations

Auditorium	IS-PM06	Forum	IS-BN02	Emerald	IS-PM03	E102	IS-PM12	G102	IS-BN03
Handcycling: from rehabilitation to elite sports performance * - sponsored by IOC Solidarity Fund		The Power-Duration Relationship: Physiological Determinants and Implications for Performance Assessment and Exercise Prescription - sponsored by adidas *		The beneficial effects of exercise training on muscle microvascular endothelial function in health and disease * - sponsored by IOC Solidarity Fund		Efficiency in endurance sports - sponsored by IOC Solidarity Fund		Muscle contractile mechanics of human multi-joint movements	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
Janssen, T. [Netherlands]		Jones, A. [United Kingdom]		Frisbee, J. [United States]		Ettema, G. [Norway]		Yamauchi, J. [Japan]	
Abel, T. [Germany]		Poole, D. [United States]		10:20 IS-PM03-1		de Koning, J. [Netherlands]		Bobbert, M. [Netherlands]	
10:20 IS-PM06-1		10:20 IS-BN02-1		10:20 IS-PM03-2		10:20 IS-PM12-1		10:20 IS-BN03-1	
HANDCYCLING TO PROMOTE HEALTH AND FITNESS DURING AND AFTER REHABILITATION		THE POWER-DURATION RELATIONSHIP: MECHANISMS OF VASCULAR CONTROL		NORMAL MUSCLE MICROVASCULAR ENDOTHELIAL FUNCTION AND OBESITY INDUCED IMPAIRMENTS		EFFICIENCY IN ENDURANCE EXERCISE: EFFICIENCY OF WHAT?		FORCE-VELOCITY RELATIONS OF HUMAN MULTI-JOINT MOVEMENTS	
Janssen, T.W.J. [Netherlands]		Poole, D. [United States]		van Hinsbergh, V.W.M. et al [Netherlands]		Ettema, G. [Norway]		Yamauchi, J. [Japan]	
10:50 IS-PM06-2		10:50 IS-BN02-2		10:50 IS-PM03-3		10:50 IS-PM12-2		10:50 IS-BN03-2	
THE INS AND OUTS OF HANDCYCLING EXERCISE TESTS		METABOLIC DETERMINANTS OF THE CRITICAL POWER		ALTERED PERFUSION DISTRIBUTION AND TEMPORAL ACTIVITY AT BIFURCATIONS IMPAIRS MICROVASCULAR BLOOD FLOW DISTRIBUTION IN METABOLIC SYNDROME: DOES A SHIFTED ATTRACTOR DEFINE PERIPHERAL VASCULAR DISEASE?		THE ROLE OF GROSS MECHANICAL EFFICIENCY IN ENDURANCE SPORTS		WHY IS THE FORCE-VELOCITY RELATIONSHIP OF MULTI-JOINT MOVEMENTS QUASI-LINEAR RATHER THAN HYPERBOLIC?	
Abel, T. [Germany]		Vanhatalo, A. [United Kingdom]		Frisbee, J. [United States]		Sandbakk, Ø. et al [Norway]		Bobbert, M.F. et al [Netherlands]	
11:20 IS-PM06-3		11:20 IS-BN02-3		11:20 IS-PM03-3		11:20 IS-PM12-3		11:20 IS-BN03-3	
INNOVATIVE HANDCYCLING TRAINING INTERVENTIONS: OPTIMIZING PERFORMANCE		EXERCISE INTENSITY DOMAINS: IMPORTANCE FOR EXERCISE PRESCRIPTION IN CLINICAL POPULATIONS		EFFECT OF DIFFERENT TRAINING MODES ON SKELETAL MUSCLE MICROVASCULAR DENSITY AND ENDOTHELIAL ENZYMES CONTROLLING NO PRODUCTION		GROSS EFFICIENCY DURING HIGH INTENSITY EXERCISE		FORCE-VELOCITY PROPERTIES CONTRIBUTION DURING BALLISTIC MOVEMENTS	
Perret, C. [Switzerland]		Mezzani, A. [Italy]		Cocks, M. [United Kingdom]		Noordhof, D.A. et al [Netherlands]		Samozino, P. et al [France]	

G103	OP-PM10	G104	IS-SH02	G105	IS-SH04	G106	OP-PM11	G107	OP-PM12
Exercise Metabolism		Sport organizations in Europe – opportunities and challenges		Tactical performance analyses in soccer: what approach matches?		Ageing and Exercise Training		Cardiovascular Exercise Physiology 1	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
Hunter, S. [United States]		Nagel, S. [Switzerland]		Lemmink, K. [Netherlands]		Gerrits, K. [Netherlands]		George, K. [United Kingdom]	
Carlsen, K. [Norway]		Breedveld, K. [Netherlands]		Brink, M. [Netherlands]		Hortobagyi, T. [Netherlands]		Jones, H. [United Kingdom]	
10:20	[YIA] OP-PM10-1	10:20	IS-SH02-1	10:20	IS-SH04-1	10:20	[YIA] OP-PM11-1	10:20	OP-PM12-1
MUSCLE METABOLIC RESPONSES AND FATIGUE MECHANISMS DURING MODERATE-, HEAVY- AND SEVERE-INTENSITY CYCLING EXERCISE		VOLUNTEERING IN SPORT CLUBS		TACTICAL PERFORMANCE ANALYSIS IN SOCCER BY MEASURING INTER-TEAM COORDINATION		THE COMBINATION OF PROGRESSIVE RESISTANCE TRAINING AND DIETARY CHANGES IMPROVES ANTI-INFLAMMATORY STATUS AND MUSCLE MASS IN HEALTHY, PHYSICALLY ACTIVE ELDERLY WOMEN		LEFT VENTRICULAR STRUCTURE AND FUNCTION IN HIGHLY-TRAINED PRE-PUBERTAL SOCCER PLAYERS	
Black, M. [United Kingdom]		Nagel, S. et al [Switzerland]		Lemmink, K.A.P.M. et al [Netherlands]		Strandberg, E. et al [Sweden]		Unnithan, V. et al [United Kingdom]	
10:35	[YIA] OP-PM10-2	10:50	IS-SH02-2	10:50	IS-SH04-2	10:35	[YIA] OP-PM11-2	10:35	OP-PM12-2
ROS PRODUCTION BY NADPH OXIDASE PLAYS AN IMPORTANT ROLE IN GENE EXPRESSION INDUCED BY EXERCISE IN SKELETAL MUSCLE CELLS.		SPORTS CLUBS IN EUROPE - SIMILARITIES, PECULIARITIES AND PROBLEMS OF MEASUREMENT		TACTICAL PERFORMANCE ANALYSIS IN SOCCER BY MEASURING INTER-PLAYER COORDINATION		EFFECT OF AEROBIC AND STRENGTH TRAINING COMPARED TO AEROBIC TRAINING ALONE ON AEROBIC CAPACITY IN ELDERLY: A 12-WEEK RANDOMIZED CONTROLLED TRIAL		IS THE MAXIMAL SHORTENING VELOCITY OF HEART TISSUE RELATED TO HEART RATE DURING RESISTANCE EXERCISE?	
Henríquez Olguín, C. et al [Chile]		Breuer, C. [Germany]		Sampaio, J. et al [Portugal]		Teljigovic, S. et al [Denmark]		Stöhr, E. et al [United Kingdom]	
10:50	[YIA] OP-PM10-3	11:20	IS-SH02-3	11:20	IS-SH04-3	10:50	[YIA] OP-PM11-3	10:50	OP-PM12-3
HEMOGLOBIN MASS, BLOOD VOLUME AND VO2MAX IN PREPUBERTAL CROSS-COUNTRY SKIERS		ORGANISING FOR "NEW" DEMANDS: THE ORGANISATION OF SPONTANEOUS SPORTS		TACTICAL PATTERN RECOGNITION IN SOCCER BY MEANS OF A SPECIAL NEURONAL NETWORK APPROACH		CAPILLARY MUSCLE SUPPLY IS MORE AFFECTED BY IMMOBILIZATION IN ELDERLY COMPARED TO YOUNG		MYOCARDIAL BLOOD FLOW AND OXYGEN UTILIZATION IN DIFFERENT WALLS OF THE HUMAN HEART AT REST AND DURING EXERCISE	
Aaeng, A. et al [Norway]		Fahlén, J. [Sweden]		Memmert, D. [Germany]		Wiuff, C. et al [Denmark]		Heinonen, I. et al [Finland]	
11:05	[YIA] OP-PM10-4					11:05	[YIA] OP-PM11-4	11:05	OP-PM12-4
MONITORING TRAINING STATUS IN CYCLISTS USING MAXIMAL RATE OF HEART RATE INCREASE						THE EFFECTS OF 2 WEEKS ARM IMMOBILISATION ON MUSCLE FUNCTION MODULATORS		A COMPREHENSIVE TECHNICAL ASSESSMENT OF THE ATHLETE'S HEART: THE "MORGANROTH HYPOTHESIS" RE-VISITED.	
Bellenger, C. et al [Australia]						Bostock, E. [United Kingdom]		Utomi, V. et al [United Kingdom]	
11:20	[YIA] OP-PM10-5					11:20	OP-PM11-5	11:20	OP-PM12-5
ECCENTRIC STRAIN DETERMINES EXERCISE INDUCED MUSCLE DAMAGE						A NIRS STUDY ASSESSING CHANGES IN PREFRONTAL CORTEX ACTIVATION DURING WALKING IN ELDERLY FOLLOWING TRAINING		PEAK OXYGEN UPTAKE 12 MONTHS AFTER CARDIAC REHABILITATION: A RANDOMIZED CONTROLLED TRIAL OF LOW-EFFORT INTERVENTION VERSUS USUAL CARE	
Hicks, K.M. et al [United Kingdom]						Eggenberger, P. et al [Switzerland]		Maholdt, T. et al [Norway]	
11:35	[YIA] OP-PM10-6					11:35	OP-PM11-6	11:35	OP-PM12-6
MAINTAINED CEREBRAL OXYGENATION IN ELITE KENYAN RUNNERS DURING A 5KM TIME-TRIAL						NEUREGULIN1 INJECTION ALTERS BLOOD GLUCOSE RESPONSES IN AN AGE DEPENDENT MANNER IN RATS EXPOSED TO ORAL GLUCOSE CHALLENGE.		WALKING TRAINING DECREASES AMBULATORY BLOOD PRESSURE VARIABILITY IN INTERMITTENT CLAUDICATION: A RANDOMIZED CONTROLLED TRIAL	
Santos Concejero, J. et al [South Africa]						Caillaud, K. et al [France]		Chehuen, M. et al [Brazil]	

Oral & Invited Presentations

Auditorium	IS-PM08	Forum	IS-BN05	Emerald	IS-PM04	E102	IS-PM07	G102	IS-BN04
Muscle stem cells and skeletal muscle plasticity - sponsored by IOC Solidarity Fund		Rate of force development: methodological, physiological and practical issues		Pacing strategy: the key to optimal endurance performance of athletes and clinical populations - sponsored by IOC Solidarity Fund		Ischaemic preconditioning: Impact on exercise performance and the cardiovascular system * - sponsored by IOC Solidarity Fund		Inside the Moving Brain: Different Approaches to Study the Interaction of Brain and Complex Whole Body Movements	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
Kadi, F. [Sweden]		Maffioletti, N. [Switzerland]		de Koning, J. [Netherlands]		Green, D. [United Kingdom]		Mierau, A. [Germany]	
16:20	IS-PM08-1	16:20	IS-BN05-1	16:20	IS-PM04-1	16:20	IS-PM07-1	16:20	IS-BN04-1
SATELLITE CELLS AND SKELETAL MUSCLE REGENERATION; LEADS FROM CELL CULTURE AND ANIMAL MODELS		RATE OF FORCE DEVELOPMENT: METHODOLOGICAL ISSUES		MODELLING THE REGULATION OF EFFORT		HISTORICAL OVERVIEW OF ISCHEMIC PRECONDITIONING AND POSITION IN SPORT AND EXERCISE SCIENCE		THE NEUROBIOLOGY OF POSTURAL CONTROL AND BALANCE TRAINING	
Harridge, S. [United Kingdom]		Maffioletti, N.A. [Switzerland]		Tucker, R. [South Africa]		Redington, A. [Canada]		Taube, W. [Switzerland]	
16:50	IS-PM08-2	16:50	IS-BN05-2	16:50	IS-PM04-2	16:50	IS-PM07-2	16:50	IS-BN04-2
REGULATION OF SATELLITE CELLS WITH EXERCISE		RATE OF FORCE DEVELOPMENT: NEUROMUSCULAR DETERMINANTS		PACING STRATEGIES IN CLINICAL POPULATIONS		CAN ISCHEMIC PRECONDITIONING IMPROVE EXERCISE PERFORMANCE?		THE CORTICAL CONTROL OF HUMAN GAIT AND ITS IMPLICATIONS FOR GAIT REHABILITATION	
Parise, G. [Canada]		Duchateau, J. [Belgium]		Foster, C. [United States]		Jones, H. [United Kingdom]		Knaepen, K. et al [Belgium]	
17:20	IS-PM08-3	17:20	IS-BN05-3	17:20	IS-PM04-3	17:20	IS-PM07-3	17:20	IS-BN04-3
MUSCLE STEM CELLS IN SKELETAL MUSCLE ATROPHY AND HYPERTROPHY		CONTRACTILE RATE OF FORCE DEVELOPMENT: PRACTICAL IMPLICATIONS		MANIPULATING PACING STRATEGY THROUGH PHARMACOLOGICAL AND ENVIRONMENTAL MEANS		CLINICAL USE AND EFFECTS OF SINGLE VS REPEATED PRECONDITIONING		NEUROPHYSIOLOGICAL CHARACTERISTICS OF SPORT-RELATED SENSORIMOTOR PERFORMANCE	
Verdijk, L. [Netherlands]		Aagaard, P. [Denmark]		Roelands, B. et al [Belgium]		Thijssen, D. [United Kingdom]		Mierau, A. [Germany]	

Invited & Oral

G103	OP-PM13	G104	IS-SH03	G105	OP-SH04	G106	OP-PM14	G107	OP-PM15
Muscle Damage & Regeneration		New perspectives with respect to the route of expertise		Coaching		Exercise & Training Effects		Exercise Response in Obesity	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
Greenhaff, P. [United Kingdom]		Mann, D. [Netherlands]		Bishop, D. [Australia]		Ettema, G. [Norway]		Chin A Paw, M. [Netherlands]	
Yucesoy, C. [Turkey]		Renshaw, I. [Australia]		16:20 OP-SH04-1		Vogt, M. [Switzerland]		Kemper, H. [Netherlands]	
16:20	OP-PM13-1	16:20	IS-SH03-1	16:20	OP-SH04-1	16:20	OP-PM14-1	16:20	OP-PM15-1
EXERCISE TRAINING RESCUES DELAYED MUSCLE REGENERATION IN AGED MICE		TALENT IDENTIFICATION AND TALENT DEVELOPMENT FROM A SIMPLE HEURISTIC PERSPECTIVE		COACHES' VERBAL REACTIONS AND PHYSIOLOGICAL RESPONSES TO CRITICAL GAME INCIDENTS		THE EFFECTS OF CONCURRENT TRAINING WITH BLOOD FLOW RESTRICTION IN INFLAMMATORY MARKERS IN ELDERLY		DO OBESE CHILDREN ACHIEVE MAXIMAL HEART RATE DURING TREADMILL RUNNING?	
Joanisse, S. et al [Canada]		Raab, M. et al [Germany]		Knight, C.J. et al [United Kingdom]		Souza, T.M.F. et al [Brazil]		Berntsen, S. et al [Norway]	
16:35	OP-PM13-2	16:35	IS-SH03-2	16:35	OP-SH04-2	16:35	OP-PM14-2	16:35	OP-PM15-2
MUSCLE ENERGETICS ALTERATIONS RESULTING FROM ISOMETRIC NEUROMUSCULAR ELECTRICAL STIMULATION OF KNEE EXTENSORS MUSCLES: A QUANTITATIVE 31P-MRS STUDY.		VISUAL-MOTOR STRATEGIES OF ELITE ATHLETES: MOVING MEASUREMENT INTO THE FIELD		A MIXED METHODS EXPLORATION OF TALENT DEVELOPMENT IN TEAM SPORTS IN IRELAND: THE <SEMINAL> ROLE OF THE COACH		TIME COURSE EFFECT OF BLOOD FLOW RESTRICTION STRENGTH TRAINING AND DETRAINING ON HAEMODYNAMICS, STRENGTH, AND MUSCLE THICKNESS		THE MAXIMAL VOLUNTARY ACTIVATION LEVEL OF THE PLANTAR FLEXOR MUSCLES ADAPTS POSITIVELY TO MECHANICAL OVERLOAD IN OBESE ADOLESCENT GIRLS	
Fouré, A. et al [France]		Mann, D. [Netherlands]		Sherwin, I. et al [Ireland]		Brandner, C. et al [Australia]		Martin, V. et al [France]	
16:50	OP-PM13-3	17:20	IS-SH03-3	16:50	OP-SH04-3	16:50	OP-PM14-3	16:50	OP-PM15-3
SHORT- AND LONG-TERM EFFECTS OF ENDURANCE EXERCISE ON TELOMERE LENGTH AND TELOMERE REGULATORY FACTORS IN HUMAN SKELETAL MUSCLE.		ENHANCING SKILL ACQUISITION AND EXPERTISE IN SPORT: AN ECOLOGICAL DYNAMICS RATIONALE		PERFECTIONISM AND EMOTION REGULATION IN COACHES: A TEST OF THE 2 X 2 MODEL OF DISPOSITIONAL PERFECTIONISM		GENDER DIFFERENCES IN THE VO2MAX-RESPONSE FOLLOWING HIGH-INTENSITY INTERVAL TRAINING AND DETRAINING?		DIFFERENCES IN KNEE EXTENSOR MUSCLES FATIGABILITY BETWEEN LEAN AND OBESE ADOLESCENT GIRLS DURING REPEATED MAXIMAL CONTRACTIONS	
Ponsot, E. et al [Sweden]		Davids, K. [United Kingdom]		Hill, A.P. et al [United Kingdom]		Christensen, K. et al [Denmark]		Garcia, S. et al [France]	
17:05	OP-PM13-4	17:05	OP-SH04-4	17:05	OP-SH04-4	17:05	OP-PM14-4	17:05	OP-PM15-4
COMPARISON BETWEEN INITIAL AND SECOND MAXIMAL KNEE EXTENSOR ECCENTRIC EXERCISE FOR MUSCLE DAMAGE, INSULIN SENSITIVITY AND LIPID PROFILE OF YOUNG VERSUS OLD MEN		THE EXPRESSION OF VICTORY AND LOSS: ESTIMATING WHO'S LEADING OR TRAILING FROM NONVERBAL CUES IN SPORTS.		Furley, P. et al [Germany]		EFFECT ON FATIGUE AND COST-EFFECTIVENESS OF AN EXERCISE INTERVENTION DURING ADJUVANT CHEMOTHERAPY IN PATIENTS WITH BREAST OR COLON CANCER <PACT STUDY>		BODIPY REVEALS GREATER COLLOCALISATION OF PERILIPIN 2 AND LIPID DROPLETS COMPARED TO OIL RED O.	
Chen, T.C. et al [Taiwan]		Curran, T. et al [United Kingdom]		17:20		17:20		Clark, J.A. et al [United Kingdom]	
ONE SESSION OF WHOLE-BODY CRYOTHERAPY <-110 °C> IMPROVES RECOVERY FROM EXERCISE-INDUCED MUSCLE DAMAGE		RELATIONSHIPS BETWEEN THE MOTIVATIONAL CLIMATE CREATED BY COACHES AND ATHLETE ENGAGEMENT IN YOUTH SPORT		17:20		17:20		17:20	
Vieira, A. et al [Brazil]		17:20		17:20		17:20		17:20	
17:35		17:35		17:35		17:35		17:35	
EFFECTS OF ACUPUNCTURE ON SYMPTOMS AND MUSCLE FUNCTION IN DELAYED-ONSET MUSCLE SORENESS		EFFECTS OF ACUPUNCTURE ON SYMPTOMS AND MUSCLE FUNCTION IN DELAYED-ONSET MUSCLE SORENESS		EFFECTS OF ACUPUNCTURE ON SYMPTOMS AND MUSCLE FUNCTION IN DELAYED-ONSET MUSCLE SORENESS		EFFECTS OF ACUPUNCTURE ON SYMPTOMS AND MUSCLE FUNCTION IN DELAYED-ONSET MUSCLE SORENESS		EFFECTS OF ACUPUNCTURE ON SYMPTOMS AND MUSCLE FUNCTION IN DELAYED-ONSET MUSCLE SORENESS	
Auerbach, K. et al [Germany]		Auerbach, K. et al [Germany]		Auerbach, K. et al [Germany]		Auerbach, K. et al [Germany]		Auerbach, K. et al [Germany]	

Oral & Invited Presentations

Auditorium	OP-PM16	Forum	OP-BN05	Emerald	OP-PM17	E102	OP-PM18	G102	OP-BN06
Healthy Ageing		Balance & Training		Cancer & Exercise		Time-trial Performance		Sleep & Motor Performance	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
Boreham, C. [Ireland]		van Dieën, J. [Netherlands]		Eckert, K. [Germany]		Havenith, G. [United Kingdom]		Mierau, A. [Germany]	
Stathi, A. [United Kingdom]		Ritzmann, R. [Germany]		Wackerhage, H. [United Kingdom]		Racinais, S. [Qatar]		18:00 OP-BN06-1	
18:00 OP-PM16-1		18:00 OP-BN05-1		18:00 OP-PM17-1		18:00 OP-PM18-1		SLEEP RELATED IMPROVEMENTS IN MOTOR TASKS:	
A STUDY OF SEDENTARY BEHAVIOR IN THE OLDER		STATIC BALANCE, HAND GRIP STRENGTH, AND		EFFECT OF CAFFEINE ON EXERCISE CAPACITY,		ON THE NECESSITY OF PERFORMANCE-FEEDBACK IN		COMPARING FINGER VS. HAND TAPPING	
FINNISH TWIN COHORT – A CROSS SECTIONAL		FLEXIBILITY IN OLDER ADULTS, ARE THERE ANY SEX		FATIGUE AND FUNCTIONAL PERFORMANCE IN		THE REGULATION OF EXERCISE INTENSITY		Erlacher, D. et al [Switzerland]	
ANALYSIS		DIFFERENCES?		PROSTATE CANCER SURVIVORS		Smits, B.L.M. et al [Netherlands]			
Piirtola, M. et al [Finland]		Lohne Seiler, H. et al [Norway]		Skinner, T.L. et al [Australia]					
18:15 OP-PM16-2		18:15 OP-BN05-2		18:15 OP-PM17-2		18:15 OP-PM18-2		18:15 OP-BN06-2	
EFFECT OF IMMOBILIZATION AND TRAINING ON		ACUTE EFFECTS OF 4 x 4 HIGH-INTENSITY INTERVAL		NORDIC WALKING TRAINING IN CANCER PATIENTS:		DECLINE IN GROSS EFFICIENCY DURING EXERCISE		SLEEP BOOSTS CHUNK CONCATENATION IN A	
INTRAMUSCULAR GLYCOGEN AND TRIGLYCERIDE		RUNNING ON NEUROMUSCULAR PERFORMANCE		SELF-PACING AND EXERCISE INTENSITY		EFFECTS ANAEROBIC CAPACITY IN CYCLING TIME		COMPLEX GROSS MOTOR TASK	
STORAGE AND METABOLISM IN YOUNG AND		IN YOUNG ADULTS AND SENIORS		Schmidt, K. et al [Germany]		TRIALS		Malangre, A. et al [Germany]	
ELDERLY		Donath, L. et al [Switzerland]				Mulder, R. et al [Netherlands]			
Vigelsoe, A. et al [Denmark]				18:30 OP-PM17-3		18:30 OP-PM18-3		18:30 OP-BN06-3	
18:30 OP-PM16-3		18:30 OP-BN05-3		MAXIMAL AND SUBMAXIMAL CARDIORESPIRA-		THE COMBINED EFFECT OF HEAT STRESS AND		SLEEP AND GROSS-MOTOR SEQUENCE PRODUC-	
"MORE ACTIVE AGING" PROGRAM: LONGITUDINAL		CHANGES IN POSTURAL CONTROL AFTER INDUCING		TORY AND METABOLIC PERFORMANCE MONITOR-		HYPOHYDRATION ON PACING PATTERN DURING		TION	
EFFECTS ON FUNCTIONAL FITNESS PARAMETERS		FATIGUE IN JUNIOR SAILORS WEARING COMPRES-		ING IN BREAST CANCER PATIENTS		A 40-KM CYCLING TIME TRIAL		Blischke, K. et al [Germany]	
RELATED TO FALL RISK IN PORTUGUESE ACTIVE		SION GARMENTS.		Bernardi, A. et al [Germany]		Levels, K. et al [Netherlands]		18:45 OP-BN06-4	
ELDERLY. FOLLOW-UP AND COMPARISON TO OTHER		Welman, K.E. et al [South Africa]						SLEEP TO BOOST <RE->LEARNING A FINE-MOTOR	
PROGRAMS				18:45 OP-PM17-4		18:45 OP-PM18-4		SKILL	
Ramalho, F. et al [Portugal]		18:45 OP-BN05-4		FUNCTIONAL STATUS AND MORTALITY IN GASTRO-		EFFECT OF ORAL NITRATE ON TIME-TRIAL PERFOR-		Hoedlmoser, K. et al [Country]	
18:45 OP-PM16-4		SENSORIMOTOR FUNCTIONING IN PATIENTS WITH		INTESTINAL CANCER PATIENTS		MANCE IN SEVERE HYPOXIA: A RANDOMIZED			
AGING OF SKELETAL MUSCLE: A STUDY ON THE ROLE		TOTAL HIP REPLACEMENT USING LOCAL DYNAMIC		Gutkunst, K. et al [Germany]		PLACEBO CONTROLLED TRIAL		19:00 OP-BN06-5	
OF INTRAMUSCULAR LIPID DEPOSITION		GAIT STABILITY				Bourdillon, N. et al [Switzerland]		THE EFFECT OF COMPETITION ON THE SLEEP PAT-	
Conte, M. et al [Italy]		Hamacher, D. et al [Germany]		19:00 OP-PM17-5		19:00 OP-PM18-5		TERNS OF ELITE RUGBY UNION PLAYERS	
19:00 OP-PM16-5		19:00 OP-BN05-5		3 MONTH FOLLOW-UP OF AN INPATIENT SPORTS		EFFECT OF HEAT-ACCLIMATIZATION ON CYCLING		Shearer, D.A. et al [United Kingdom]	
ASSOCIATION BETWEEN FUNCTIONAL DIAGNOSIS		WHOLE-BODY VIBRATION AND BALANCE TRAINING:		THERAPY IN THE PEDIATRIC STEM CELL TRANS-		TIME-TRIAL PERFORMANCE AND PACING			
OF SARCOPENIA AND BLOOD-BASED BIOMARKERS		A PROPRIOCEPTIVE OVERLOAD ?		PLANTATION		Racinais, S. et al [Qatar]		19:15 OP-BN06-6	
Hofmann, M. et al [Austria]		Lindley, S. et al [United Kingdom]		Senn Malashonak, A. et al [Germany]				SLEEP-RELATED CONSOLIDATION OF CEREBELLAR-	
19:15 OP-PM16-6		19:15 OP-BN05-6		19:15 OP-PM17-6		19:15 OP-PM18-6		DEPENDENT MOTOR LEARNING	
EXERGAMING IMPROVES FALL RISK FACTORS		IDENTIFICATION OF TRANSDISCIPLINARY INDI-		IMPACT OF THE INITIAL FITNESS LEVEL ON THE EF-		MIDDLE CEREBRAL ARTERY BLOOD VELOCITY IS RE-		Onuki, Y. [Netherlands]	
IN COMMUNITY-DWELLING SENIORS: A META-		VIDUAL MOVEMENT PATTERNS		FECTS OF A STRUCTURED SPORTS THERAPY DURING		REDUCED DURING PROLONGED SELF-PACED EXERCISE			
ANALYSIS		Schöllhorn, W. et al [Germany]		STEM CELL TRANSPLANTATION <SCT>		IN BOTH HOT AND COOL ENVIRONMENTS			
Faude, O. et al [Switzerland]				Arndt, S. et al [Germany]		Périard, J.D. et al [Qatar]			

G103	OP-PM19	G104	OP-SH05	G105	OP-PM20	G106	OP-PM21	G107	OP-BN07
Exercise with Blood Flow Restrictions		Sociology & Gender		Exercise Therapy		Teamsport Basketball & Volleyball		Injury Incidence	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
Frisbee, J. [United States]		Kolbe-Alexander, T. [Australia]		Kriemler, S. [Switzerland]		Vanlandewijck, Y. [Belgium]		Verhagen, E. [Netherlands]	
Miyachi, M. [Japan]		Hedenborg, S. [Sweden]		18:00 OP-PM20-1		Wagner, H. [Austria]		18:00 OP-BN07-1	
18:00	OP-PM19-1	18:00	OP-SH05-1	EFFECTS OF A SIX-MONTH INTRADIALYTIC PHYSICAL ACTIVITY PROGRAM AND ADEQUATE NUTRITIONAL SUPPORT ON PROTEIN-ENERGY WASTING, PHYSICAL FUNCTIONING AND QUALITY OF LIFE IN CHRONIC HEMODIALYSIS PATIENTS		18:00	OP-PM21-1	LOWER LIMB INJURIES IN THE NZ ARMY OVER 8 YEARS	
Toigo, M. et al [Switzerland]		Betzer Tayar, M. [Israel]		Magnard, J. et al [France]		Cortis, C. et al [Italy]		Lark, S. et al [New Zealand]	
18:15	OP-PM19-2	18:15	OP-SH05-2	18:15	OP-PM20-2	18:15	OP-PM21-2	18:15	OP-BN07-2
HYPERTROPHY SIGNALING, MUSCLE GROWTH AND INCREASES IN STRENGTH AFTER BLOOD FLOW RESTRICTED RESISTANCE EXERCISE		USING THE STRENGTH BASED APPROACH IN THE DESERT: EXPLORING POSSIBILITIES FOR YOUNG QATARI WOMEN'S PARTICIPATION IN PHYSICAL ACTIVITY		NEW METHODS OF FUNCTIONAL EVALUATION OF PATIENTS WITH METABOLIC MYOPATHIES. THE EFFECTS OF EXERCISE TRAINING.		INTERRELATIONS BETWEEN MATCH CHARACTERISTICS, FIELD- AND LABORATORY TESTS IN YOUTH ELITE BASKETBALL PLAYERS		INJURIES AND ILLNESSES DURING THE EUROPEAN YOUTH OLYMPIC FESTIVAL <EYOF> 2013	
Bjørnsen, T. et al [Norway]		Knez, K. et al [Qatar]		Porcelli, S. et al [Italy]		Brink, M.S. et al [Netherlands]		Van Beijsterveldt, A. et al [Netherlands]	
18:30	OP-PM19-3	18:30	OP-SH05-3	18:30	OP-PM20-3	18:30	OP-PM21-3	18:30	OP-BN07-3
IMPACT OF ISCHEMIC PRECONDITIONING ON SYMPATHETIC VASOCONSTRICTION AT REST AND DURING EXERCISE IN HUMANS		THE IMPACT OF AGE AND GENDER ON THE SELF-IDENTITY AND ATHLETIC IDENTITY OF ELITE ATHLETES		HAPTIC FEEDBACK IMPROVES STATIC BALANCE IN INDIVIDUALS WITH MILD TO MODERATE PARKINSON'S DISEASE.		EFFECT OF DIFFERENT SETTINGS AND NUMBER OF PLAYERS ON PHYSIOLOGICAL AND TECHNICAL DEMANDS OF BALL-DRILLS IN BASKETBALL		ANKLE INJURIES IN THE NETHERLANDS: LONG-TERM TRENDS OF 10-25 YEARS	
Horiuchi, M. et al [Japan]		Martin, L.A. et al [Australia]		Gregory, T. et al [South Africa]		Conte, D. et al [Italy]		Kemler, H.J. et al [Netherlands]	
18:45	OP-PM19-4	18:45	OP-SH05-4	18:45	OP-PM20-4	18:45	OP-PM21-4	18:45	OP-BN07-4
EXERCISE AT HIGH ALTITUDE IS ASSOCIATED WITH HIGHER DEGREE OF SLEEP DISCORDED BREATHING DUE TO HYPOXIA		COMPARISON OF SPORTS ACTIVITY OF WOMEN AND MEN UNDER CONSIDERATION OF PERSONALITY TRAITS		SELECTIVITY OF CERVICAL MOVEMENT BEHAVIOUR TO DISTINGUISH IDIOPATHIC NECK PAIN PATIENTS FROM ASYMPTOMATIC SUBJECTS		RELATIVE AGE EFFECT IN YOUNG BASKETBALL PLAYERS OF DIFFERENT COMPETITIVE LEVELS: ANTHROPOMETRIC AND PHYSIOLOGICAL BASIS		THE EPIDEMIOLOGY OF BOXING INJURIES PRESENTING TO IRI SPORT MEDICINE FEDERATION INJURY SURVEILLANCE SYSTEM	
Fernandez Tellez, H. et al [Belgium]		Semmler Ludwig, R. et al [Germany]		Niederer, D. et al [Germany]		Irazusta, J. et al [Spain]		Pourkazemi, L. et al [Iran]	
19:00	OP-PM19-5	19:00	OP-SH05-5	19:00	OP-PM20-5	19:00	OP-PM21-5	19:00	OP-BN07-5
EFFECTS OF RUNNING EXERCISE COMBINED WITH BLOOD FLOW RESTRICTION ON PHYSICAL RESPONSE AND MUSCULAR FITNESS IN ATHLETES		COMPARISON OF ARM, UPPER BODY AND WHOLE BODY DOUBLE POLING IN FEMALE AND MALE CROSS-COUNTRY SKIERS		THE EFFECTS OF RADIAL EXTRACORPOREAL SHOCK WAVE THERAPY AND EXERCISE ON PAIN AND FUNCTIONALITY IN PATIENTS WITH LATERAL EPICONDYALGIA		MATURITY STATUS IS CORRELATED TO BASKET PERFORMANCE IN ELITE ADOLESCENT BASKETBALL PLAYERS		A SUBMAXIMAL ROWING TEST TO MONITOR TRAINING STATUS IN FIRST-YEAR COMPETITIVE ROWERS	
Yun Tsung, C. [Taiwan]		Hegge, A. et al [Norway]		YURUK, Z.O. et al [Turkey]		Torres Unda, J. et al [Spain]		Hofmijster, M.J. et al [Netherlands]	
19:15	OP-PM19-6	19:15	OP-SH05-6	19:15	OP-PM20-6	19:15	OP-PM21-6		
MAINTAINING A GOOD VENTILATORY EFFICIENCY IN THE TRANSITION BETWEEN NORMOXIA <N> AND HYPOXIA <H> AT REST PREDICTS A BETTER OXYGENATION <SAO2> DURING EXERCISE IN HYPOXIA.		EFFECTS OF LIVING AREA AND SPORTS CLUB PARTICIPATION ON PHYSICAL FITNESS DEVELOPMENT IN CHILDREN		EXERCISE INDUCED INSPIRATORY STRIDOR <EIS> IN TOP ATHLETES		SEASON CHANGES IN PHYSICAL PERFORMANCE OF YOUTH ELITE MALE NATIONAL TEAM HANDBALL PLAYERS			
Papi Renzetti, G. et al [Italy]		Muehlbauer, T. et al [Germany]		Clemm, H. et al [Norway]		Póvoas, S. et al [Portugal]			

Oral & Invited Presentations

Auditorium	OP-PM22	Forum	OP-BN08	Emerald	OP-PM23	E102	OP-PM24	G102	OP-BN09
Critical Power		Running Research		Obesity & Exercise		Sport Nutrition		Neuromuscular Activation	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
Zemkova, E. [Slovakia]		Zamparo, P. [Italy]		Kawakami, Y. [Japan]		Wardenaar, F. [Netherlands]		Linnamo, V. [Finland]	
08:30	OP-PM22-1	Gehring, D. [Germany]		08:30	OP-PM23-1	Bowtell, J. [United Kingdom]		Schwameder, H. [Austria]	
NON-DISCLOSED DURATION CONSTANT POWER TEST TO ESTIMATE ANAEROBIC WORK CAPACITY AND CRITICAL POWER		08:30	OP-BN08-1	IMPACT OF ADRB3 SNP ON ABDOMINAL FAT IN OVERWEIGHT AND OBESE WOMEN		08:30	OP-PM24-1	08:30	OP-BN09-1
Tsai, M. [Canada]		IV IRON SUPPLEMENTATION REDUCES PERCEIVED FATIGUE IN DISTANCE RUNNERS		Szendrei, B. et al [Spain]		2 DAYS OF BOVINE COLOSTRUM SUPPLEMENTATION DID NOT BLUNT THE EXERCISE INDUCED INCREASE IN INTESTINAL PERMEABILITY		MODULATION OF MOTOR UNIT ACTIVITY IN BICEPS BRACHII IN RESPONSE TO NEUROMUSCULAR ELECTRICAL STIMULATION APPLIED TO THE CONTRALATERAL ARM	
08:45	OP-PM22-2	Thompson, K.G. et al [Australia]		08:45	OP-PM23-2	March, D.S. et al [United Kingdom]		Amiridis, I. et al [Greece]	
THE EFFECT OF GENDER ON INDIVIDUAL ANAEROBIC THRESHOLD IN SWIMMING: A COMPARISON BETWEEN RELATIVE AND ABSOLUTE PARAMETERS		08:45	OP-BN08-2	DOES SERUM IL-6 CONCENTRATION EXPLAIN THE RELATIONSHIPS BETWEEN ADIPOSITY AND MUSCLE SIZE AND STRENGTH IN YOUNG AND OLDER ADULTS?		08:45	OP-PM24-2	08:45	OP-BN09-2
Pelarigo, J. et al [Brazil]		PHYSIOLOGICAL CORRELATES OF COMPETITIVE PERFORMANCE IN PORTUGUESE ELITE MIDDLE DISTANCE RUNNERS		Erskine, R.M. et al [United Kingdom]		EFFECT OF WHEY PROTEIN HYDROLYSATE ON ADAPTATION TO ENDURANCE TRAINING IN WELL-TRAINED RUNNERS		DIFFERENT NUMBER OF MUSCLE SYNERGIES DURING TREADMILL WALKING BETWEEN YOUNG AND ELDERLY ADULTS	
09:00	OP-PM22-3	Reis, J. et al [Portugal]		09:00	OP-PM23-3	Sondergaard Thomsen, L. et al [Denmark]		Kibushi, B. et al [Japan]	
THE DISTANCE-TIME RELATIONSHIP AND OXYGEN UPTAKE KINETICS IN SWIMMING		09:00	OP-BN08-3	EFFECTS OF TWO DIFFERENT TYPES OF EXERCISE ON CIRCULATING IRISIN LEVEL IN OBESE ADULTS		09:00	OP-PM24-3	09:00	OP-BN09-3
Almeida, T. et al [Portugal]		ASSESSING STRIDE PARAMETERS AND VERTICAL STIFFNESS WITH GPS-EMBEDDED ACCELEROMETERS		Song, W. et al [Korea, South]		ENHANCING ENDURANCE PERFORMANCE BY NUTRITIONAL MANIPULATION: A SLEEP LOW STRATEGY		TIMING OF MUSCLE ACTIVATION DURING DOUBLE POLING ERGOMETER TESTING IN DIFFERENT SITTING POSITIONS- PILOT TEST FOR DISABLED SIT SKIERS	
09:15	OP-PM22-4	Buchheit, M. et al [Qatar]		09:15	OP-PM23-4	Marquet, L.A. et al [France]		Rapp, W. et al [Finland]	
MANIFESTATION OF A PLATEAU RESPONSE IN VO ₂ AT MAXIMAL OXYGEN UPTAKE IS A FUNCTION OF THE ANAEROBIC WORK CAPACITY		09:15	OP-BN08-4	ACUTE PHYSIOLOGICAL EFFECTS OF A SINGLE BOUT OF AEROBIC INTERVAL AND CONTINUOUS MODERATE INTENSITY CYCLING IN OBESE INDIVIDUALS.		09:15	OP-PM24-4	09:15	OP-BN09-4
Gordon, D. et al [United Kingdom]		EFFECT OF FOOTSTRIKE PATTERN ON RUNNING ECONOMY AT A FAST SPEED		Koh, F.J. et al [Australia]		PROTEIN INGESTION PRIOR TO SLEEP INCREASES MUSCLE MASS GAIN DURING PROLONGED RESISTANCE TYPE EXERCISE TRAINING IN YOUNG MEN		CHILD-ADULT DIFFERENCES IN SPECIFIC STRENGTH ARE ATTRIBUTED TO VOLUNTARY ACTIVATION LEVEL ONLY AT LONG MUSCLE LENGTH	
09:30	OP-PM22-5	Terasaki, N. et al [Japan]		09:30	OP-PM23-5	Snijders, T. et al [Netherlands]		Kluka, V. et al [France]	
LACTATE PRO VS LACTATE PRO2		09:30	OP-BN08-5	EXERCISE TRAINING COMBINED TO WELL-BALANCED DIET INCREASES NRG1 CLEAVAGE AND ADAM17 EXPRESSION IN SKELETAL MUSCLE OF OBESE RATS.		09:30	OP-PM24-5	09:30	OP-BN09-5
Mamen, A. [Norway]		BAREFOOT VS. SHOD: A COMPARISON OF LOWER LIMB MOTION DURING RUNNING USING SYMMETRY ANALYSIS		Ennequin, G. et al [France]		AMINOACIDEMIA AFTER INGESTION OF EQUAL AMOUNTS OF PROTEIN FROM FOUR DIFFERENT WHEY PROTEINS AND MILK		ACUTE UPPER BODY COMPLEX TRAINING WITH ACCOMMODATING RESISTANCE IN COLLEGIATE MALE WRESTLERS	
09:45	OP-PM22-6	Langley, B. et al [United Kingdom]		09:45	OP-PM23-6	Raastad, T. et al [Norway]		Jones, M.T. et al [United States]	
THE EFFECTS OF ACUTE VERSUS CHRONIC SODIUM BICARBONATE SUPPLEMENTATION ON HIGH-INTENSITY INTERMITTENT SPRINT PERFORMANCE IN RUGBY UNION PLAYERS		09:45	OP-BN08-6	EFFECTS OF EXERCISE AND FOOD RESTRICTION IN ADULTHOOD ON BODY COMPOSITION AND ENERGY METABOLISM-RELATED ENZYMES IN THE SKELETAL MUSCLES OF OTSUKA LONG EVANS TOKUSHIMA FATTY RATS		09:45	OP-PM24-6	09:45	OP-BN09-6
Fitzpatrick, P. et al [Ireland]		FOOD-INTAKE BY ULTRA-MARATHON RUNNERS DURING TRAINING AND COMPETITION: CROSS-SECTIONAL SURVEY AND CASE-REPORT		Daisuke, S. [Japan]		SPECIFIC SUPPLEMENT AND SPORT NUTRITION PRODUCT USE IN THE DUTCH GENERAL POPULATION		POST-ACTIVATION POTENTIATION INDUCED IN THE KNEE EXTENSORS AFTER 'COMPLETE' WARM-UP INCLUDING TASK PRACTICE	
		Wardenaar, F. et al [Netherlands]				Stennis, J. et al [Netherlands]		Blazevich, A.J. et al [Australia]	

G103	OP-PM25	G104	OP-SH06	G105	OP-PM26	G106	OP-PM27	G107	OP-PM28
Molecular Training Responses		Sports Management		Respiratory Physiology		Spinal Cord Injury & (handcycle) Exercise		Endurance & Performance	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
Harridge, S. [United Kingdom]		Breedveld, K. [Netherlands]		Sandbakk, Ø. [Norway]		Houdijk, H. [Netherlands]		Hettinga, F. [United Kingdom]	
Kadi, F. [Sweden]		08:30 OP-SH06-1		McNarry, M. [United Kingdom]		Perret, C. [Switzerland]		Tucker, R. [South Africa]	
08:30	OP-PM25-1	FACTORS INFLUENCING MEMBERSHIP SATISFACTION AND MEMBERSHIP RETENTION OF THE EUROPEAN COLLEGE OF SPORT SCIENCE <ECSS>		08:30	OP-PM26-1	08:30 OP-PM27-1		08:30	OP-PM28-1
TRAINING-INDUCED TENASCIN-C EXPRESSION REGULATES CAPILLARY GROWTH		Hokkanen, T. [Finland]		KINETICS DURING SUB-MAXIMAL EXERCISE IN SWIMMING		PEAK OXYGEN UPTAKE EVALUATION IN WHEELCHAIR BASKETBALL PLAYERS: CONTINUOUS OR INTERMITTENT PROGRESSIVE FIELD TEST?		BRAIN TRAINING IMPROVES ENDURANCE PERFORMANCE	
Valdivieso, P. et al [Switzerland]				Espada, M. et al [Portugal]		Leprêtre, P.M. et al [France]		Marcora, S.M. et al [United Kingdom]	
08:45	OP-PM25-2	08:45 OP-SH06-2		08:45	OP-PM26-2	08:45 OP-PM27-2		08:45	OP-PM28-2
SKELETAL MUSCLE SIGNALING DURING SPRINT EXERCISE IN SEVERE ACUTE HYPOXIA: ROLE OF FREE RADICALS		POST RETIREMENT EXPERIENCES OF FORMER SWEDISH ELITE ATHLETES		A PROMISING PROCEDURE TO ASSEMBLE MORE O ₂ UPTAKE RESPONSES AT EXERCISE ONSET		THE EFFECTS OF HYBRID CYCLE VERSUS HANDCYCLE EXERCISE ON METABOLIC SYNDROME, INFLAMMATION AND VISCERAL ADIPOSITY IN PEOPLE WITH SPINAL CORD INJURY		EFFECTS OF LIGHT DEPRIVATION IN PERFORMANCE AND PSYCHOPHYSIOLOGICAL RESPONSES IN OPEN-LOOP EXERCISE	
Morales Álamo, D. et al [Spain]		Straalman, O. et al [Sweden]		Francescato, M.P. et al [Italy]		Bakkum, A. [Netherlands]		Pires, F.O. et al [Brazil]	
09:00	OP-PM25-3	09:00 OP-SH06-3		09:00	OP-PM26-3	09:00 OP-PM27-3		09:00	OP-PM28-3
THE EFFECT OF ACUTE ENDURANCE EXERCISE FOLLOWED BY STRENGTH EXERCISE ON MOLECULAR RESPONSE IN HUMAN SKELETAL MUSCLE		ECONOMIC EVALUATION OF A PHYSICAL ACTIVITY INTERVENTION USING ACTIVITY TRAILS		RELATIONSHIP BETWEEN V'O ₂ PEAK AND CARDIORESPIRATORY KINETICS IN GROUPS OF DIFFERENT EXERCISE CAPACITY		PHYSICAL CAPACITY OF PERSONS WITH A SPINAL CORD INJURY FOR AT LEAST 10 YEARS		CONSECUTIVE DAYS OF PROLONGED TENNIS MATCHPLAY AFFECT PHYSIOLOGICAL, PERFORMANCE, AND PERCEPTUAL RESPONSES	
Popov, D.V. et al [Russia]		Schöner, M. et al [Germany]		Koschate, J. et al [Germany]		de Groot, S. et al [Netherlands]		Gescheit, D.T. et al [Australia]	
09:15	OP-PM25-4			09:15	OP-PM26-4	09:15 OP-PM27-4		09:15	OP-PM28-4
PURINERGIC RECEPTORS P2X ₇ , P2Y ₂ AND P2Y ₆ ARE INHIBITED BY AEROBIC EXERCISE TRAINING IN EXPERIMENTAL ALLERGIC LUNG INFLAMMATION				PHYSIOLOGICAL ACUTE EFFECTS OF CONSTANT VERSUS INTERMITTENT CYCLE ISO-WORKLOAD EXERCISE BELOW VENTILATORY THRESHOLD		LEARNING WITH A LEVER-PROPELLED WHEELCHAIR: THE EFFECT OF THREE WEEKS OF PRACTICE ON EFFICIENCY AND TECHNIQUE		PROFESSIONAL ROAD CYCLING SPRINTS: QUANTIFYING THE DEMANDS OF THE FINAL HOUR	
Greiffo, F.R. et al [Brazil]				Abrantes, C. et al [Portugal]		Jaspers, E.G. et al [Netherlands]		Menaspà, P. et al [Australia]	
09:30	OP-PM25-5			09:30	OP-PM26-5	09:30 OP-PM27-5		09:30	OP-PM28-5
NEITHER LOW INTENSITY NOR HIGH INTENSITY SWIM TRAINING AFFECTS ADAPTIVE IMMUNE FUNCTION IN YOUNG ADULT HEALTHY MICE				A RANGE FOR THE "REAL" VALUE OF INTERNAL MECHANICAL POWER IN CYCLING		TRAINING FOR A HANDCYCLING MOUNTAIN TIME TRIAL; PILOT STUDY ON THE BENEFITS FOR FITNESS IN PERSONS WITH SPINAL CORD INJURY		REGULAR MODERATE OR INTENSE EXERCISE PREVENTS DEPRESSION-LIKE BEHAVIOR WITHOUT CHANGE OF HIPPOCAMPAL TRYPTOPHAN CONTENT IN CHRONICALLY TRYPTOPHAN-DEFICIENT AND STRESSED MICE	
Horstman, A. et al [Netherlands]				Giorgi, H. et al [Hong Kong]		Valent, L. et al [Netherlands]		Mikami, T. et al [Japan]	
09:45	OP-PM25-6			09:45	OP-PM26-6	09:45 OP-PM27-6		09:45	OP-PM28-6
EXPRESSION ANALYSIS OF MECHANOTENSITIVE GROWTH FACTORS IN DUCHENNE MUSCULAR DYSTROPHY MOUSE MODELS				MAXIMAL CARDIORESPIRATORY RESPONSES IN EXHAUSTIVE TANDEM-BICYCLE ERGOMETER EXERCISE -COMPARISON OF THE SUBJECTS WITH THE DIFFERENT PEAK OXYGEN UPTAKE-		FAT CONTRIBUTION OF EXERCISE ENERGY EXPENDITURE IN PARALYMPIC ATHLETES WITH LOCOMOTOR IMPAIRMENTS.		EFFECT OF CADENCE AND WORKLOAD ON RESPIRATORY MECHANICS DURING ARM-CRANK EXERCISE	
Hoogaars, W.M. et al [Netherlands]				Onodera, S. et al [Japan]		Bernardi, M. et al [Italy]		Tiller, N.B. et al [United Kingdom]	

Oral & Invited Presentations

Auditorium	IS-PM10	Forum	IS-BN06	Emerald	IS-PM05	E102	IS-PM13	G102	IS-BN07
Concurrent training for peak power and endurance - sponsored by IOC Solidarity Fund		Core stability: What is it, does it matter, how can it be assessed?		Exercise in cancer patients - study approaches and results from 3 European countries * - sponsored by IOC Solidarity Fund		JSPFSM-ECSS Exchange lecture: Physical Activity Guidelines: Japan and Europe by the example of the Netherlands - sponsored by IOC Solidarity Fund		Physiological characteristics of small-sided games	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
Jaspers, R. [Netherlands]		van Dieën, J. [Netherlands]		Wiskemann, J. [Germany]		Nagatomi, R. [Japan]		Lemmink, K. [Netherlands]	
10:20		Verhagen, E. [Netherlands]		May, A. [Netherlands]		van der Beek, A. [Netherlands]		Frencken, W. [Netherlands]	
IS-PM10-1		10:20		IS-PM05-1		IS-PM13-1		IS-BN07-1	
MUSCLE GROWTH/STRENGTH VERSUS ENDURANCE SIGNAL TRANSDUCTION PATHWAYS AND THEIR INTERACTION		IS-BN06-1		EXERCISE IN BREAST CANCER PATIENTS DURING THERAPY IN GERMANY. RESULTS FROM TWO PROSPECTIVE, RANDOMIZED EXERCISE INTERVENTION TRIALS <BEST AND BEATE>		EVIDENCE-BASED PHYSICAL ACTIVITY GUIDELINES FOR JAPANESE: A SYSTEMATIC REVIEW AND META-ANALYSIS		THE PHYSIOLOGICAL CHARACTERISTICS OF SMALL SIDED GAMES IN SOCCER	
Wackerhage, H. [United Kingdom]		van Dieën, J.H. [Netherlands]		Steindorf, K. et al [Germany]		Motohiko, M. [Japan]		Rampinini, E. et al [Italy]	
10:50		IS-BN06-2		10:50		IS-PM13-2		IS-BN07-2	
IS-PM10-2		10:50		IS-PM05-2		IS-PM13-2		IS-BN07-2	
MYOCYTE SIZE AND POWER: METABOLIC CONSTRAINTS		CORE STABILITY: DOES IT MATTER?		EXERCISE DURING AND AFTER CANCER TREATMENT: RESULTS, EXPERIENCES AND METHODOLOGICAL CONSIDERATIONS FROM THE PACT AND A-CARE STUDY		NATIONAL POLICY ON SPORTS EN PHYSICAL ACTIVITY <PA> IN THE NETHERLANDS		TACTICAL PERFORMANCE IN SMALL-SIDED SOCCER GAMES	
van der Laarse, W.J. [Netherlands]		Chaudhari, A. [United States]		Buffart, L.M. et al [Netherlands]		Gelinck, R. [Netherlands]		Sampaio, J. et al [Portugal]	
11:20		IS-BN06-3		11:20		IS-PM05-3		IS-BN07-3	
IS-PM10-3		11:20		IS-PM05-3		IS-PM05-3		IS-BN07-3	
CONCURRENT STRENGTH AND ENDURANCE TRAINING: CONCEPTS AND PRACTICAL APPLICATION IN ELITE SPORTS		CORE STABILITY: HOW CAN IT BE ASSESSED?		TITLE: EXERCISE AS A STRATEGY FOR REHABILITATION IN ADVANCED STAGE LUNG CANCER PATIENTS UNDERGOING CHEMOTHERAPY IN DENMARK. RESULTS FROM A PROSPECTIVE RANDOMIZED EXERCISE INTERVENTION TRIAL <EXHALE>				<TACTICAL> REPRESENTATIVENESS OF SMALL-SIDED GAMES FOR FULL-SIZED MATCHES	
Vogt, M. [Switzerland]		Cholewicki, J. et al [United States]		Quist, M. [Denmark]				Frencken, W.G.P. et al [Netherlands]	

G103	OP-PM29	G104	IS-SH05	G105	IS-SH06	G106	OP-PM30	G107	OP-PM31
Health & Fitness (ESSA Exchange)		Interface problems of physical activity research and public health challenges *		Perceptual training in sport		Heart Rate Recovery & Variability		Energy Balance & Expenditure	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
van der Ploeg, H. [Netherlands]		Eckert, K. [Germany]		Oudejans, R. [Netherlands]		Daanen, H. [Netherlands]		Close, G. [United Kingdom]	
Kemper, H. [Netherlands]		Breedveld, K. [Netherlands]		10:20 IS-SH06-1		10:20 OP-PM30-1		10:20 OP-PM31-1	
10:20		10:20 IS-SH05-1		10:20		10:20		10:20	
DOES ABDOMINAL OBESITY MEDIATE THE ASSOCIATION BETWEEN TYPE 2 DIABETES MELLITUS AND BRAIN ATROPHY? [ESSA]		ASSESSING HEALTH-RELATED PHYSICAL ACTIVITY: DOES QUESTIONNAIRE DATA FIT ACCELEROMETER DATA WITH REGARD TO DIFFERENT AGE GROUPS? Eckert, K. et al [Germany]		VISUAL CONTROL TRAINING IN BASKETBALL SHOOTING		PARADOXICAL RELATIONSHIP BETWEEN HEART RATE RECOVERY AND EXERCISE PERFORMANCE FOLLOWING DIFFERENT TRAINING PERIODS		HIGH BODY DISSATISFACTION IS ASSOCIATED WITH HIGHER BMI, REDUCED AEROBIC FITNESS, RESTRAINED EATING BEHAVIOR, AND LOW ENERGY AVAILABILITY IN YOUNG, EXERCISING WOMEN	
Climie, R. et al [Australia]				Oudejans, R.R.D. [Netherlands]		Thomson, R. et al [Australia]		Koehler, K. et al [United States]	
10:35		10:50		10:50		10:35		10:35	
ACTIVE VIDEO GAMES HAVE SIMILAR PHYSIOLOGICAL RESPONSES BUT RESULT IN MORE POSITIVE PSYCHOLOGICAL STATES WHEN COMPARED TO A MODERATE INTENSITY BOUT OF EXERCISE.		PHYSICAL ACTIVITY - MORE THAN JUST HEALTH: PHYSICAL ACTIVITY BEHAVIOUR AND MEDICAL COSTS RELATED TO HOSPITAL CLAIMS		QUIET EYE TRAINING IN SPORTS.		PARASYMPATHETIC REACTIVATION; A PRACTICAL TOOL TO PREDICT CYCLING PERFORMANCE.		CHANGES IN ENERGY EXPENDITURE, ENERGY INTAKE, ENERGY IMBALANCE, AND BODY COMPOSITION AND OVER A SEASON	
Monedero, J. et al [Ireland]		Wilders, C. [South Africa]		Wilson, M. [United Kingdom]		Lamberts, R. [South Africa]		Silva, A.M. et al [Portugal]	
10:50		11:20		11:20		10:50		10:50	
EFFECT OF SELF-PACED EXERCISE ON HR, RPE, AND EXERCISE INTENSITY IN ADOLESCENT MALES AND FEMALES USING THE EXERBIKE, A STATIONARY CYCLE CONNECTED TO A VIDEO GAME CONSOLE.		INCREASING ENGAGEMENT IN PHYSICAL ACTIVITY AND THE ROLE OF BEHAVIOURAL ECONOMICS IN AN INCENTIVIZED WELLNESS PROGRAMME FOR PRIVATELY HEALTH-INSURED PERSONS: VITALITY INSURED PERSONS COHORT <VIP>		IMPROVING REFEREES' DECISIONS IN SPORTS BY VIDEO-BASED TRAINING		DO POST-MATCH RECOVERY MARKERS RELATE TO NEXT MATCH PERFORMANCE IN PROFESSIONAL AUSTRALIAN FOOTBALL?		ENERGY INTAKE AND ENERGY EXPENDITURE ASSESSMENT OF MALE ADOLESCENT ACADEMY-LEVEL FOOTBALL PLAYERS	
Gabel, K. et al [United States]		Lambert, E. et al [South Africa]		Plessner, H. [Germany]		Coutts, A.J. et al [Australia]		Briggs, M. et al [United Kingdom]	
11:05						11:05		11:05	
WAIST DECREASE LINKED TO REDUCED DYSLIPIDAEMIA FOLLOWING STRENGTH TRAINING						MONITORING FATIGUE AND RECOVERY BY USE OF THE LAMBERTS AND LAMBERT SUBMAXIMAL CYCLE TEST		THE VARIABILITY OF ENERGY AND NUTRIENT INTAKES USING THREE DIFFERENT DIETARY STANDARDISATION TECHNIQUES IN ATHLETES	
Viljoen, J. et al [South Africa]						Hammes, D. et al [Germany]		El-Chab, A. et al [United Kingdom]	
11:20						11:20			
CHARACTERISATION OF CHLOROFORM INSULT TO HUMANS FOLLOWING A 30 MIN SWIMMING INTERVENTION						SESSION-RPE IN SOCCER: THE RETROSPECTIVE RATING			
Heaney, L.M. et al [United Kingdom]						Fanchini, M. et al [Italy]			
11:35						11:35			
A TAILORED PHYSICAL ACTIVITY INTERVENTION IN A GROUP OF FEMALE WORKERS AT RISK OF DEVELOPMENT OF NECK AND UPPER LIMB MUSCULOSKELETAL DISORDERS						CONSECUTIVE DAYS OF 5-SET MATCHPLAY IN TENNIS; THE INFLUENCE OF FATIGUE AND PACING.			
Bergamin, M. et al [Italy]						Duffield, R. et al [Australia]			

Oral & Invited Presentations

Auditorium	IS-PM11	Forum	IS-BN08	Emerald	IS-SH08	E102	IS-PM14	G102	IS-BN09
The Future of Sports Nutrition sponsored by GSSI *		Developmental changes of neuro-muscular control and muscle-tendon mechanics in children: Implications for muscular force production and movement performance		Applying the Exercise Science Model to the Prevention of Chronic Disease * - Sponsored by: The Coca Cola Company		Interval Training revisited * - sponsored by IOC Solidarity Fund		Propulsion in swimming and rowing	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
Jeukendrup, A. [United Kingdom]		van Dieën, J. [Netherlands]		Blair, S. [United States]		Halle, M. [Germany]		van Soest, K. [Netherlands]	
Wardenaar, F. [Netherlands]		Korff, T. [United Kingdom]		van Mechelen , W. [Netherlands]		16:20 IS-PM14-1		Hofmijster, M. [Netherlands]	
16:20 IS-PM11-1		16:20 IS-BN08-1		16:20 IS-SH08-1		INTERVAL TRAINING REVISITED: INTERVAL TRAINING IN CARDIAC DISEASE		16:20 IS-BN09-1	
Jeukendrup, A. [United Kingdom]		DEVELOPMENTAL CHANGES OF NEUROMUSCULAR CONTROL AND MUSCLE-TENDON MECHANICS IN CHILDREN: IMPLICATIONS FOR MUSCULAR FORCE PRODUCTION AND MOVEMENT PERFORMANCE		PHYSICAL INACTIVITY: THE BIGGEST PUBLIC HEALTH PROBLEM OF THE 21ST CENTURY		Christle, J.W. [Germany]		OPTIMIZATION OF PROPULSION IN SWIMMING HOW INTER-LIMB COORDINATION CAN CONTRIBUTE?	
16:50 IS-PM11-2		16:50 IS-BN08-2		16:50 IS-SH08-2		16:50 IS-PM14-2		16:50 IS-BN09-2	
TECHNOLOGY AND SPORTS NUTRITION		DEVELOPMENTAL CHANGES IN STRUCTURAL AND FUNCTIONAL CHARACTERISTICS OF THE MUSCULOSKELETAL SYSTEM		THE CHALLENGE OF IMPLEMENTING PHYSICAL ACTIVITY INTO THE HEALTH CARE SYSTEM		INTERVAL TRAINING IN LUNG DISEASE		OPTIMIZATION OF PROPULSION IN ROWING	
Close, G. [United Kingdom]		Baltzopoulos, V. et al [United Kingdom]		Blair, S. [United States]		Gloeckl, R. [Germany]		Schaffert, N. [Germany]	
17:20 IS-PM11-3		17:20 IS-BN08-3		17:20 IS-SH08-3		17:20 IS-PM14-3		17:20 IS-BN09-3	
SPORTS NUTRITION SUPPLEMENT AND THE FUTURE		DEVELOPMENTAL CHANGES IN MUSCLE-TENDON MECHANICAL PROPERTIES AND THEIR IMPACT ON MUSCULAR FORCE PRODUCTION		IMPLEMENTING PHYSICAL ACTIVITY PROGRAMS IN REAL LIFE - WHAT IS THE ROLE FOR ECSS MEMBERS AS INDIVIDUALS AND AS HEALTH PROFESSIONALS?		SYMPOSIUM ON INTERVAL TRAINING IN DISEASE POPULATIONS		DRAG REDUCTION IN SPORTS	
Maughan, R. [United Kingdom]		Waugh, C.M. [United Kingdom]		Borjesson, M. [Sweden]		Tjønnå, A. [Norway]		Westerweel, J. [Netherlands]	
		17:50 IS-BN08-4							
		THE INTEGRATION OF MUSCLE-TENDON CHARACTERISTICS AND NEURAL CONTROL DURING MULTI-JOINT, REBOUNDING EXERCISE IN CHILDREN							
		Blazevich, T. et al [United Kingdom]							

G103	OP-PM32	G104	IS-SH07	G105	OP-PM33	G106	OP-PM34	G107	OP-PM35
Training and Testing		Long-term Follow-up & Implementation of School-based PA-Interventions: Myth or Fact? * - Sponsored by: The Coca Cola Company		Cardiovascular Exercise Physiology 2		Exercise Therapy in children with CP & COPD		Team Sports	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
Vaslin, P. [France]		Verhagen, E. [Netherlands]		Horiuchi, M. [Japan]		van der Woude, L. [Netherlands]		Sanchez, X. [Netherlands]	
16:20	OP-PM32-1	16:20	IS-SH07-1	16:20	OP-PM33-1	16:20	OP-PM34-1	16:20	OP-PM35-1
USE OF DUAL-ENERGY X-RAY ABSORPTIOMETRY <DXA> TO EVALUATE CHANGES IN BODY COMPOSITION AND THE ASSOCIATION WITH PERFORMANCE CHANGES IN SKELETON ATHLETES		SCHOOL PHYSICAL ACTIVITY INTERVENTIONS - EFFECTS ON HEALTH AND LEARNING OUTCOMES		THE HEALTHY WORKFORCE PROJECT: CARDIO-VASCULAR EFFECTS OF REDUCING WORK PLACE SITTING TIME		AGE AND DISEASE RELATED DIFFERENCES IN SPRINT POWER OUTPUT BETWEEN CHILDREN WITH CEREBRAL PALSY AND TYPICALLY DEVELOPING CHILDREN		EFFECT OF SAND VERSUS GRASS TRAINING SURFACES DURING AN 8-WEEK PRE-SEASON CONDITIONING PROGRAMME IN TEAM SPORT ATHLETES	
Colyer, S. et al [United Kingdom]		Pate, R. [United States]		Hopkins, N. et al [United Kingdom]		Dallmeijer, A.J. et al [Netherlands]		Binnie, M.J. et al [Australia]	
16:35	OP-PM32-2	16:50	IS-SH07-2	16:35	OP-PM33-2	16:35	OP-PM34-2	16:35	OP-PM35-2
EFFECT OF WHEEL SIZE ON PERFORMANCE IN ELITE CROSS-COUNTRY MOUNTAIN BIKERS		WHY DO SCHOOL-BASED PA INTERVENTION WORK IN THE SHORT BUT NOT ON IN THE LONG-TERM?		POST-RESISTANCE EXERCISE HYMODYNAMICS IS SIMILAR IN MEDICATED AND NON-MEDICATED HYPERTENSIVE MEN: A DOUBLE-BLIND, PLACEBO-CONTROLLED CROSS-OVER STUDY		EFFECTIVENESS OF A LIFESTYLE PROGRAM AMONG ADOLESCENTS AND YOUNG ADULTS WITH CEREBRAL PALSY; A RANDOMIZED CONTROLLED TRIAL		THE PHENOMENON OF DOPING FROM SPANISH PROFESSIONAL FOOTBALL PLAYERS' PERSPECTIVE	
Steiner, T. et al [Switzerland]		Kriemler, S. [Switzerland]		Forjaz, C.L.M. et al [Brazil]		van den Berg Emons, R. et al [Netherlands]		Morente Sánchez, J. et al [Spain]	
16:50	OP-PM32-3	17:20	IS-SH07-3	16:50	OP-PM33-3	16:50	OP-PM34-3	16:50	OP-PM35-3
ACCURACY OF ENERGY EXPENDITURE ESTIMATED BY FIVE COMMERCIAL FITNESS TRACKERS		KEY FACTORS FOR SUCCESSFUL IMPLEMENTATION AND DISSEMINATION OF A SCHOOL-BASED PHYSICAL ACTIVITY MODEL <ACTION SCHOOLS! BC>: A REPORT FROM THE TRENCHES		CIRCULATORY CONTROL DURING EXERCISE: MUSCLE PRESSOR REFLEX		LONGITUDINAL RELATIONSHIP BETWEEN AEROBIC CAPACITY, ANAEROBIC CAPACITY AND MUSCLE STRENGTH IN CHILDREN WITH CEREBRAL PALSY		VISUAL PERFORMANCE OF ELITE HOCKEY PLAYERS - A LONGITUDINAL ANALYSIS	
Roos, L. et al [Switzerland]		McKay, H. [Canada]		Vinogradova, O.L. et al [Russia]		Bailemans, A.C.J. et al [Netherlands]		Oertzen Hagemann, V. et al [Germany]	
17:05	OP-PM32-4			17:05	OP-PM33-4	17:05	OP-PM34-4	17:05	OP-PM35-4
PERFORMANCE PREDICTORS IN AGE GROUPS SWIMMING EXPLAIN ADULT SPORT SUCCESS				HIGHER ALTERATIONS IN PWV VALUES ARE ASSOCIATED WITH HIGHER AEROBIC CAPACITY AND AGING IN YOUNG MALE SOCCER PLAYERS		INTERVAL EXERCISE IMPROVES EXERCISE TOLERANCE IN COPD PATIENTS WITH NO ALTERATIONS IN ABDOMINAL FAT DEPOSITION		RELATING BALL FLIGHT CHARACTERISTICS, VARIABILITY IN RELEASE LOCATION AND GAME SUCCESS IN ELITE BASEBALL PITCHING	
Alves, F. et al [Portugal]				Lorenz, C. et al [Austria]		Giannopoulou, I. et al [United Kingdom]		Whiteside, D. et al [United States]	
17:20	OP-PM32-5			17:20	OP-PM33-5	17:20	OP-PM34-5	17:20	OP-PM35-5
MONITORING ANGULAR RATE BY STANDARD INERTIAL SENSOR IN TWISTING MOVEMENTS OF MECHANICAL HUMAN BODY MODEL				EFFECT OF CONTRACTION INTENSITY ON SYMPATHETIC OUTFLOW TO ACTIVE HUMAN SKELETAL MUSCLE		EFFECTS OF TWO 16 WEEKS TRAINING PROGRAMS IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE <COPD>		REHABILITATING THE INJURED THROWING SHOULDER: A COMPREHENSIVE EMG ANALYSIS OF ROTATIONAL SHOULDER EXERCISES	
Schäfer, K. et al [Germany]				Boulton, D. et al [Australia]		Delussu, A.S. et al [Italy]		Alizadehkhayat, O. et al [United Kingdom]	
17:35	OP-PM32-6			17:35	OP-PM33-6			17:35	OP-PM35-6
ASSESSMENT OF CARDIOMETABOLIC RESPONSE DURING HORSE RIDING				NANDROLONE ATTENUATES EXERCISE-INDUCED MITOCHONDRIAL ADAPTATION OF LARGE VESSELS				PHYSIOLOGICAL PROFILE OF PROFESSIONAL FAST-MEDIUM BOWLERS DURING COMPETITIVE CRICKET MATCHES	
Marongiu, E. et al [Italy]				Shen, W. [China]				Johnstone, J. et al [United Kingdom]	

Oral & Invited Presentations

Auditorium	OP-PM36	Forum	OP-BN10	Emerald	OP-PM37	E102	OP-PM38	G102	OP-BN11
Exercise training		Balance Control		Exercise Therapy & Insuline		Muscle Signaling & Protein Synthesis		Jumping Research	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
Cortis, C. [Italy]		Cholewicki, J. [United States]		Cocks, M. [United Kingdom]		Jaspers, R. [Netherlands]		Bobbert, M. [Netherlands]	
18:00	OP-PM36-1	18:00	OP-BN10-1	18:00	OP-PM37-1	18:00	OP-PM38-1	18:00	OP-BN11-1
MAXIMAL STRENGTH IN UPPER-BODY SEGMENTS AS PREDICTORS OF DOUBLE POLING PERFORMANCE IN FEMALE CROSS-COUNTRY SKIERS		EFFECTS OF ACHILLES TENDON VIBRATION ON CORTICOSPINAL AND GROUP I AFFERENT PATHWAYS EXCITABILITY DURING UPRIGHT STANDING		IMPACT OF EXERCISE TRAINING ON GLYCAEMIC CONTROL IN ADOLESCENTS WITH TYPE 2 DIABETES		SHORT-TERM MUSCLE DISUSE ATROPHY IS NOT ASSOCIATED WITH INCREASED SKELETAL MUSCLE LIPID ACCUMULATION OR IMPAIRED OXIDATIVE ENZYME ACTIVITY IN YOUNG OR ELDERLY MEN		JUMP TEST CAN DETECT CHANGES IN POWER DURING TRAINING IN JUNIOR BMX RIDERS	
Østerås, S. et al [Norway]		Baudry, S. et al [Belgium]		Naylor, L. et al [Australia]		Wall, B.T. et al [Netherlands]		Bosse, C. et al [Netherlands]	
18:15	OP-PM36-2	18:15	OP-BN10-2	18:15	OP-PM37-2	18:15	OP-PM38-2	18:15	OP-BN11-2
ENDURANCE TRAINING TYPE EFFECT ON NEUROMUSCULAR PARAMETERS DURING 8-WEEKS CONCURRENT TRAINING		THE RELATIONSHIP BETWEEN ANKLE JOINT PHYSIOLOGICAL CHARACTERISTICS AND BALANCE CONTROL DURING UNILATERAL STANCE		EXERCISE TRAINING EFFECTIVELY IMPROVES INSULIN SENSITIVITY IN SYSTEMIC LUPUS ERYTHEMATOSUS.		INCREASED METABOLIC POWER IN PLANTARIS AFTER COMBINED PEAK POWER AND ENDURANCE TRAINING		POWER-FORCE-VELOCITY PROFILE IN COUNTER-MOVEMENT JUMP	
Robineau, J. et al [France]		Amin, D. et al [United Kingdom]		Benatti, F.B. et al [Brazil]		Furrer, R. et al [Netherlands]		Jimenez Reyes, P. et al [Spain]	
18:30	OP-PM36-3	18:30	OP-BN10-3	18:30	OP-PM37-3	18:30	OP-PM38-3	18:30	OP-BN11-3
MUSCLE STRENGTH, EMG-ESTIMATED NEURAL DRIVE AND MUSCLE ARCHITECTURE IN RESPONSE TO 14 WEEKS OF LINEAR AND DAILY NON-LINEAR RESISTANCE TRAINING		LOAD DEPENDENCY OF POSTURAL CONTROL – KINEMATIC AND NEUROMUSCULAR CHANGES IN RESPONSE TO OVER AND UNDER LOADING		BLOOD GLUCOSE HOMEOSTASIS DURING SUCCESSIVE DAYS OF PROLONGED WALKING EXERCISE IN PATIENTS WITH TYPE 1 DIABETES		ECCENTRIC VS. CONCENTRIC EXERCISE TRAINING IN HUMANS: RELATIONSHIPS BETWEEN CONTRACTION-SPECIFIC MUSCLE STRUCTURAL REMODELLING AND CHRONIC MUSCLE PROTEIN SYNTHESIS		EFFECTS OF SPECIFIC HIP MUSCLE ACTIVATION EXERCISES USING REAL-TIME BIOFEEDBACK ON DYNAMIC KNEE CONTROL IN JUMPING PERFORMANCE IN FEMALE ATHLETES: RESULTS OF A PILOT STUDY	
Ullrich, B. et al [Germany]		Ritzmann, R. [Germany]		Nyakayiru, J. et al [Netherlands]		Franchi, M.V. et al [United Kingdom]		Hajduk, K. et al [Germany]	
18:45	OP-PM36-4	18:45	OP-BN10-4	18:45	OP-PM37-4	18:45	OP-PM38-4	18:45	OP-BN11-4
METABOLIC RESPONSES TO INTER-REPETITION REST MANIPULATION IN SQUAT STRENGTH TRAINING		DIFFERENCES BETWEEN KAYAKERS AND HEALTHY CONTROLS IN STABILIZING FUNCTIONS OF THE TRUNK		RESVERATROL IMPROVES INSULIN SENSITIVITY AND REDUCES SKELETAL MUSCLE MITOCHONDRIAL H2O2 EMISSION IN DEVELOPING RATS		MOLECULAR SIGNALLING RESPONSE TO SHORT DURATION HIGH INTENSITY/LOW VOLUME RESISTANCE TRAINING IN HUMAN SKELETAL MUSCLE.		FORCE-VELOCITY RELATIONSHIP OF LEG EXTENSORS OBTAINED FROM LOADED AND UNLOADED VERTICAL JUMPS	
González Hernández, J.M. et al [Spain]		Voglar, M. et al [Slovenia]		Kwak, H.B. et al [Korea, South]		Moro, T. et al [Italy]		Nedeljkovic, A. et al [Serbia]	
19:00	OP-PM36-5	19:00	OP-BN10-5	19:00	OP-PM37-5	19:00	OP-PM38-5	19:00	OP-BN11-5
MUSCLE STRENGTH AND MUSCLE CONTRACTILE PROPERTIES IN RESPONSE TO 16 WEEKS OF HIGH AND MODERATE INTENSITY LINEAR VERSUS DAILY NON-LINEAR RESISTANCE TRAINING		FIELD TESTS TO MEASURE TRUNK STABILITY: VALIDITY AND RELIABILITY ANALYSIS		HIGH INTENSITY INTERVAL TRAINING VERSUS STRENGTH TRAINING TO IMPROVE INSULIN SENSITIVITY AND BODY COMPOSITION IN WOMEN WITH POLYCYSTIC OVARY SYNDROME. A RANDOMIZED CONTROLLED TRIAL		ACUTE EFFECTS OF VITAMIN D3 SUPPLEMENTATION ON MUSCLE FUNCTION		RUN-UP PARAMETERS AND PERFORMANCE PREDICTION IN ELITE F20 LONG JUMPERS	
Holzinger, S. et al [Germany]		Juan Recio, C. et al [Spain]		Almenning, I. et al [Norway]		Wyon, M. [United Kingdom]		García Fresneda, A. et al [Spain]	
19:15	OP-PM36-6	19:15	OP-BN10-6			19:15	OP-PM38-6	19:15	OP-BN11-6
DIFFERENT PARAMETERS FOR LOAD CONTROL DURING RESISTANCE TRAINING IN OLDER ADULTS: INTENSITY- VERSUS REPETITION-CONTROLLED		THE EFFECT OF UNICYCLE RIDING COURSE ON TRUNK STRENGTH AND TRUNK STABILITY FUNCTIONS IN CHILDREN				EXPLAINING THE CONSTANCY OF ADULT MUSCLE FRACTIONAL SYNTHETIC RATES <FSR>, THE BASIS OF ANABOLIC RESISTANCE AND THE FUTILITY OF TRYING TO OVERCOME IT BY EXCESS INTAKE OF EAA/PROTEIN		ANALYSING THE DETERMINING VARIABLES IN THE LONG JUMP EVENT PERFORMANCE IN DIFFERENT AGE CATEGORIES WHILE COMPETING	
Morat, T. et al [Germany]		Kocjan, A. et al [Slovenia]				Rennie, M. [United Kingdom]		López, J.L. et al [Spain]	

G103	OP-PM39	G104	OP-SH07	G105	OP-SH08	G106	OP-PM40	G107	OP-PM41
Muscle Force, Damage & Metabolism		Attention & Sport Performance		Sport Psychological Interventions		Teamsport Soccer & Rugby		Exercise in the Heat	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
Willems, M. [United Kingdom]		Oudejans, R. [Netherlands]		Hutter, V. [Netherlands]		Lemmink, K. [Netherlands]		Levels, K. [Netherlands]	
Blazevich, A. [Australia]		18:00 OP-SH07-1		18:00 OP-SH08-1		18:00 OP-PM40-1		18:00 OP-PM41-1	
18:00 OP-PM39-1		THE INFLUENCE OF SELF-CONTROL ON GAZE		THE EFFECT OF PETTLEP IMAGERY AND OSERVATION		MEASURING DECEPTIVE ACTIONS IN SOCCER		WARM WATER IMMERSION TRAINING INDUCES	
ACUTE METABOLIC, HORMONAL AND PSYCHOLOGICAL RESPONSES TO CYCLING WITH SUPERIMPOSED ELECTROMYOSTIMULATION		BEHAVIOR AND PERFORMANCE UNDER PRESSURE		ON MOVEMENT IMAGERY ABILITY		MATCH PLAY: INFLUENCES OF POSSESSION, PLAYING LEVEL AND MATCH OUTCOME		SIMILAR THERMOREGULATORY AND CEREBROVASCULAR RESPONSES TO EXERCISE TRAINING IN YOUNG FEMALES	
Wahl, P. et al [Germany]		Englert, C. et al [Germany]		Anuar, N.A. et al [United Kingdom]		Smeeton, N.J. et al [United Kingdom]		Bailey, T.G. et al [United Kingdom]	
18:15 OP-PM39-2		18:15 OP-SH07-2		18:15 OP-SH08-2		18:15 OP-PM40-2		18:15 OP-PM41-2	
FACTORS CONTRIBUTING TO LOWER OXYGEN CONSUMPTION DURING ECCENTRIC THAN CONCENTRIC CYCLING		ANXIETY, GAZE BEHAVIOUR AND PERFORMANCE EXECUTION; GOLF PUTTING WITH THREAT-RELATED DISTRACTORS		THE COMPOSITE OF MENTAL AND PHYSICAL RESILIENCE		STANDARDIZED SMALL-SIDED GAMES EVOKE DIFFERENT PHYSIOLOGICAL RESPONSES IN ELITE-STANDARD YOUTH SOCCER PLAYERS OF DIFFERENT AGES		THE SEPARATE AND SYNERGISTIC EFFECTS OF HYDRATION AND THIRST ON EXERCISE PERFORMANCE IN THE HEAT	
Penailillo, L. et al [Chile]		Paridon, K.N. et al [United Kingdom]		Hackfort, G. [Germany]		Olthof, S. et al [Netherlands]		Wallace, P.J. et al [Canada]	
18:30 OP-PM39-3		18:30 OP-SH07-3		18:30 OP-SH08-3		18:30 OP-PM40-3		18:30 OP-PM41-3	
EFFECT OF THE RATE OF TORQUE DEVELOPMENT ON ISOMETRIC PLANTAR FLEXION TORQUE-EMG RELATIONSHIP: FASCICLE BEHAVIOR MATTERS		SPATIAL ABILITY PREDICTS DOMAIN-SPECIFIC RECOGNITION SKILL BETTER THAN ANTICIPATION SKILL IN RECREATIONAL-LEVEL SOCCER PLAYERS		MINDFULNESS AND THE RELATION WITH STRESS, AFFECT AND BURNOUT IN ELITE JUNIOR ATHLETES		EVALUATION OF THE 365-SOCCER SHOOTING TEST		THERMOREGULATION AND FLUID BALANCE DURING EXERCISE IN 60 VERSUS 80-YEAR OLD SUBJECTS	
Kawakami, Y. et al [Japan]		Belling, P.K. et al [United States]		Davis, P. et al [United Kingdom]		Radman, I. et al [Austria]		Bongers, C.C.W.G. et al [Netherlands]	
18:45 OP-PM39-4		18:45 OP-SH07-4		18:45 OP-SH08-4		18:45 OP-PM40-4		18:45 OP-PM41-4	
HOW STRONG AND LONG-LASTING IS THE CONTRALATERAL REPEATED BOUT EFFECT?		PATTERN RECALL OF SOCCER PLAYERS		EXERCISE MOTIVATION AND BEHAVIOUR: A BRIEF THEORY-BASED INTERVENTION		RELATIVE AGE EFFECT IN PROFESSIONAL AND YOUTH SOCCER LEAGUES IN MEXICO		INSIDE THE 'HURT LOCKER': PHYSIOLOGICAL TOLERANCE TIMES WHILE WEARING EXPLOSIVE ORDNANCE DISPOSAL AND CHEMICAL PERSONAL PROTECTIVE EQUIPMENT	
Nosaka, K. et al [Australia]		van Maarseveen, M.J.J. et al [Netherlands]		Weman Josefsson, K. et al [Sweden]		Fritzler, W. [Mexico]		Stewart, I.B. et al [Australia]	
19:00 OP-PM39-5		19:00 OP-SH07-5		19:00 OP-SH08-5		19:00 OP-PM40-5		19:00 OP-PM41-5	
THE EFFECT OF INTERMITTENT VS. CONTINUOUS PASSIVE MUSCLE STRETCH ON PLANTARFLEXOR RAPID FORCE PRODUCTION.		RE-EXAMINING THE EFFECTIVENESS OF SEMANTIC PRIMING ON MOTOR SKILL PERFORMANCE UNDER PRESSURE		THE EFFECTS OF DIFFERENTIATED MUSIC EXPOSURE ON 10-KM CYCLING TIME TRIAL		CREATIVE BEHAVIOUR AND TACTICAL AND TECHNICAL SKILLS WHEN VARYING THE NUMBER OF OPONENTS DURING SMALL-SIDED FOOTBALL GAMES		THE IMPACT OF A 37 KM FOOT RACE IN HOT AMBIENT CONDITIONS UPON CARDIAC FUNCTION	
Trajano, G.S. et al [Australia]		Holmes, D. et al [United Kingdom]		Lim, H. et al [Singapore]		Ric Diez, Á. [Spain]		Hankey, J. et al [United Kingdom]	
19:15 OP-PM39-6		19:15 OP-SH07-6						19:15 OP-PM41-6	
SIX WEEKS OF MAXIMAL ECCENTRIC KNEE EXTENSOR TRAINING AFFECTS MUSCLE-TENDON MECHANICS AND MUSCLE DAMAGE		SELF-SUSTAINED DISSOCIATION CAN REDUCE SENSATIONS OF FATIGUE IN A MAXIMAL RUNNING TIME TRIAL						HAZARDOUS THERMAL AND FLUID BURDENS DURING SCUBA FINNING IN 29 °C WATER	
Kay, A.D. et al [United Kingdom]		Nieuwenhuys, A. et al [Netherlands]						Castagna, O. et al [France]	

Oral & Invited Presentations

Auditorium	OP-PM42	Forum	OP-BN12	Emerald	OP-PM43	E102	OP-PM44	G102	OP-BN13
Supplementation & Performance		Muscle Biomechanics		Sports Medicine		Central & Peripheral Fatigue		Motor Learning	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
Roelands, B. [Belgium]		Maas, H. [Netherlands]		Blair, S. [United States]		Place, N. [Switzerland]		Raab, M. [Germany]	
08:30	OP-PM42-1	Huijing, P. [Netherlands]		Buffart, L. [Netherlands]		Klass, M. [Belgium]		Mann, D. [Netherlands]	
REHYDRATION WITH A CASEIN OR CARBOHYDRATE DRINK FOLLOWING A 2% DEHYDRATING EXERCISE SESSION.		08:30	OP-BN12-1	08:30	OP-PM43-1	08:30	OP-PM44-1	08:30	OP-BN13-1
Black, K. et al [New Zealand]		CAN INFRARED THERMOGRAPHY IMAGING BE USED TO ASSESS TEMPERATURE CHANGES INDUCED BY ACHILLES TENDON HYSTERESIS?		ASSOCIATIONS OF DIFFERENT TYPES OF SITTING WITH CARDIOMETABOLIC RISK FACTORS		EFFECT OF A NORADRENALINE REUPTAKE INHIBITOR ON CENTRAL AND PERIPHERAL FATIGUE DURING INTERMITTENT SUBMAXIMAL CONTRACTIONS PERFORMED TILL EXHAUSTION		EFFECTS OF DISTRIBUTED DIFFERENTIAL LEARNING ON SKILL ACQUISITION IN NOVICES	
08:45	OP-PM42-2	Peltonen, J. et al [Finland]		Borodulin, K. et al [Finland]		Klass, M. et al [Belgium]		Beckmann, H. et al [Germany]	
EFFECT OF BETA-ALANINE SUPPLEMENTATION ON 20 KM CYCLING TIME TRIAL PERFORMANCE AND COGNITIVE FUNCTION		08:45	OP-BN12-2	08:45	OP-PM43-2	08:45	OP-PM44-2	08:45	OP-BN13-2
Martin, D. et al [United Kingdom]		MECHANICAL INTERACTIONS BETWEEN SYNERGISTIC MUSCLES FOLLOWING ALTERATIONS IN MUSCLE CONNECTIVITY IN THE RAT		EARLY SPORT PRACTICE AND THE PREVENTION OF ARTERIOSCLEROSIS IN ADULTHOOD		CHILDREN EXPERIENCE MORE CENTRAL AND LESS PERIPHERAL FATIGUE THAN ADULTS DURING REPEATED MAXIMAL CONTRACTIONS		DIFFERENCES IN VISUAL SEARCH BEHAVIOUR BETWEEN NATIONAL AND DEVELOPMENTAL SKI-CROSS RACERS	
09:00	OP-PM42-3	Bernabei, M. et al [Netherlands]		Fernandes, R. et al [Brazil]		Ratel, S. et al [France]		Panchuk, D. [Australia]	
CAFFEINATED ENERGY DRINKS ENHANCE PHYSICAL PERFORMANCE IN ELITE JUNIOR TENNIS PLAYERS		09:00	OP-BN12-3	09:00	OP-PM43-3	09:00	OP-PM44-3	09:00	OP-BN13-3
Gallo Salazar, C. et al [Spain]		MEDIAL GASTROCNEMIUS MUSCLE GROWTH DURING ADOLESCENCE IS MEDIATED BY AN INCREASE OF FASCICLE DIAMETER RATHER THAN BY LONGITUDINAL FASCICLE GROWTH.		COMPARISON BETWEEN REAL AND ESTIMATED CARBOHYDRATE SUPPLEMENTS IN TYPE 1 DIABETIC PATIENTS DURING 1-H RUNS		CAFFEINE EXTENDS CAPACITY FOR REPEATED HIGH INTENSITY KNEE EXTENSOR EXERCISE WITH INCREASED PERIPHERAL EXCITABILITY AND VOLUNTARY DRIVE TO THE KNEE EXTENSORS		TRAINING ANTICIPATION WITH FUNCTIONAL VS. DYSFUNCTIONAL COLOUR CUES IN BEACH-VOLLEYBALL	
09:15	OP-PM42-4	Weide, G. et al [Netherlands]		Buoite Stella, A. et al [Italy]		Bowtell, J. et al [United Kingdom]		Vater, C. et al [Switzerland]	
DIETARY FISH OIL DELAYS HYPOXIC SKELETAL MUSCLE FATIGUE AND ENHANCES CAFFEINE STIMULATED CONTRACTILE RECOVERY IN THE RAT IN VIVO HINDLIMB		09:15	OP-BN12-4	09:15	OP-PM43-4	09:15	OP-PM44-4	09:15	OP-BN13-4
Peoples, G. et al [Australia]		EVALUATION OF HILL AND HUXLEY MUSCLE MODELS USING EXPERIMENTAL DATA OBTAINED FROM RAT M. SOLEUS IN SITU		STRENGTH TRAINING WITH INSTABILITY IS MORE EFFECTIVE THAN CONVENTIONAL STRENGTH TRAINING FOR PATIENTS WITH PARKINSON'S DISEASE.		WIDE-PULSE, HIGH-FREQUENCY NEUROMUSCULAR ELECTRICAL STIMULATION INDUCES LOWER METABOLIC DEMAND THAN CONVENTIONALLY USED PARAMETERS		GAIT RETRAINING TO REDUCE LOADING: WHAT IS THE IDEAL LOCATION FOR PROVISION OF VISUAL ACCELEROMETER BIOFEEDBACK?	
09:30	OP-PM42-5	Lemaire, K.K. et al [Netherlands]		Silva Batista, C. et al [Brazil]		Gondin, J. et al [France]		ÓCatháin, C. et al [Ireland]	
ENDURANCE TRAINING COMBINED WITH IGF-1 SUPPLEMENTATION ATTENUATE AGING-INDUCED APOPTOSIS IN RAT SKELETAL MUSCLE		09:30	OP-BN12-5	09:30	OP-PM43-5	09:30	OP-PM44-5	09:30	OP-BN13-5
Mosaferi Ziaaldini, M. et al [Hungary]		THE USE OF A MUSCULOTENDINOUS STRETCH-SHORTENING CYCLE: A COMPARISON BETWEEN YOUNG AND ELITE SPRINTERS DURING THE FIRST STEP OF THE ACCELERATION PHASE		KINESIOPHOBIA AND PHYSICAL ACTIVITY AFTER SPINAL FUSION SURGERY AND POSTOPERATIVE EXERCISE INTERVENTION		MUSCLE FATIGUE INDUCED BY REPEATED SQUAT JUMPS REALIZED WITH OR WITHOUT NEUROMUSCULAR ELECTRICAL STIMULATION		THE EFFECT OF ACUTE EXERCISE AND PSYCHOSOCIAL STRESS ON FINE MOTOR SKILLS AND TESTOSTERONE CONCENTRATION OF HIGH SCHOOL STUDENTS	
		Aeles, J. et al [Belgium]		Ilves, O. et al [Finland]		Place, N. et al [Switzerland]		Budde, H. et al [Germany]	
						09:45	OP-PM44-6		
						INFLUENCE OF CAFFEINE CONSUMPTION ON STEADY STATE CONTRACTIONS AND MOTOR UNIT ACTIVITY			
						Jakobi, J.M. et al [Canada]			

G103	OP-PM45	G104	OP-SH09	G105	OP-SH10	G106	OP-PM46	G107	OP-PM47
Metabolic Adaptation to Exercise		Education & Pedagogics		Sport & Cognition		ACL Reconstruction & Exercise		Exercise & Cooling	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
Waugh, C. [United Kingdom]		Pate, R. [United States]		Proper, K. [Netherlands]		Baltzopoulos, B. [United Kingdom]		Cotter, J. [New Zealand]	
08:30	OP-PM45-1	Schaffert, N. [Germany]		Ando, S. [Japan]		08:30	OP-PM46-1	08:30	OP-PM47-1
MECHANISM FOR EXERCISE INDUCED PGC-1 α & #945; TRANSCRIPTION IN SKELETAL MUSCLE		08:30		08:30		QUADRICEPS/HAMSTRINGS EXPLOSIVE STRENGTH IN ALPINE SKI RACERS WITH ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION		EFFECT OF REGULAR POST-EXERCISE COOLING ON MUSCLE AEROBIC ADAPTATIONS TO ENDURANCE TRAINING.	
Kim, K. et al [Korea, South]		CHARACTERIZATION OF PARENTS WITH DIFFERENT PERCEPTIONS ABOUT PHYSICAL EDUCATION STATUS IN THE CURRICULUM		THINKING FAST AND SLOW: TESTING COGNITIVE EXPERTISE IN HIGH DIVISION AND LOWER DIVISION FIELD HOCKEY PLAYERS.		Jordan, M. et al [Canada]		Ihsan, M. et al [Australia]	
08:45	OP-PM45-2	Carreiro da Costa, F. et al [Portugal]		de Vries, S. [Netherlands]		08:45	OP-PM46-2	08:45	OP-PM47-2
TWO WEEKS OF IMMOBILISATION INCREASES SKELETAL MUSCLE ROS PRODUCTION AND DECREASES COUPLING EFFICIENCY IN ELDERLY HEALTHY MEN - AN EFFECT WHICH IS REVERSED BY AEROBIC TRAINING		08:45		08:45		THE EFFECTS OF SOCCER MATCH SIMULATION ON FUNCTIONAL HAMSTRING TO QUADRICEPS RATIO AND PEAK KNEE ABDUCTION MOMENTS IN SIDE CUTTING		A DURATION-DEPENDENT RESPONSE TO ISOLATED LEG COOLING EXISTS FOR INTERMITTENT-SPRINT EXERCISE IN THE HEAT	
Gram, M. et al [Denmark]		PARTICIPATION STYLES IN ELEMENTARY PHYSICAL EDUCATION		A COMPARISON OF ERROR PROCESSING DURING TASK SWITCH BETWEEN CLOSED-SKILL AND OPEN-SKILL ELDERLY EXERCISERS		Raja Azidin, R.M.F. et al [United Kingdom]		Smith, D. et al [United Kingdom]	
09:00	OP-PM45-3	Romar, J.E. et al [Finland]		Lan Ya, C. [Taiwan]		09:00	OP-PM46-3	09:00	OP-PM47-3
EFFECTS OF INDUCED CHANGES IN ACID-BASE BALANCE ON MITOCHONDRIAL ADAPTATION TO TRAINING		09:00		09:00		ANTICIPATORY POSTURAL ADJUSTMENTS TO PREDICTABLE PERTURBATIONS IN INDIVIDUALS WHO UNDERWENT ACL RECONSTRUCTION		SYMPATHETIC RESPONSES TO COMBINED COLD STRESS AND ISOMETRIC EXERCISE IN HEALTHY AGED HUMANS	
Hawke, E. et al [Sweden]		ASSESSMENT CRISES OR OPPORTUNITY? THE ROLE OF ASSESSMENT FOR LEARNING IN NORWEGIAN PHYSICAL EDUCATION		COGNITIVE FUNCTIONING AFTER AN ACUTE BOUT OF EXERCISE IN OLDER ADULTS: MODE AND DURATION EFFECTS		Labanca, L. et al [Italy]		Greaney, J.L. et al [United States]	
09:15	OP-PM45-4	Leirhaug, P.E. et al [Norway]		Polman, R. et al [Australia]		09:15	OP-PM46-4	09:15	OP-PM47-4
PLATELET-RICH PLASMA COMBINED WITH TGF-BETA ANTAGONIST FOR IMPROVED MUSCLE HEALING AND REINJURY PREVENTION		09:15		09:15		EFFECT OF THE USE OF A PATELLAR STRAP OR SPORTS TAPE ON PATELLAR TENDINOPATHY SYMPTOMS		SKIN TEMPERATURE DISTRIBUTION AND CORE TEMPERATURE IN PASSIVE COOLING AND EXERCISE: THE INFLUENCE OF BODY FAT	
Kelc, R. et al [Slovenia]		PERFORMING ARTS TEACHERS' CONCEPTIONS OF MOTOR CREATIVITY		THE IMMEDIATE AND DELAYED EFFECTS OF A SINGLE AEROBIC SESSION ON EXECUTIVE FUNCTIONS AND ATTENTION IN HEALTHY ACTIVE ADULTS		de Vries, A.J. et al [Netherlands]		Fournet, D. et al [France]	
09:30	OP-PM45-5	Torrents, C. et al [Spain]		Netz, Y. [Israel]		09:30	OP-PM46-5	09:30	OP-PM47-5
EFFECTS OF 6 MONTH AIT ON INSULIN SENSITIVITY AND SKELETAL MUSCLE GLUCOSE METABOLISM IN METABOLIC SYNDROME PATIENTS.		09:30		09:30		RETURN TO SOCCER AFTER ACL RECONSTRUCTION - CONSENSUS FINDING PROCESS OF A MULTIFACETED TEST BATTERY		THE EFFECT OF PRECOOLING IN DYNAMIC BALANCE ABILITY	
Guadalupe, G.A. et al [Denmark]		EFFECT OF MODERATE-TO-VIGOROUS PHYSICALLY ACTIVE ACADEMIC LESSONS ON TIME-ON-TASK IN THE CLASSROOM		Hartman, E. et al [Netherlands]		Bloch, H. [Germany]		Gkrilias, P. et al [Greece]	
09:45	OP-PM45-6			09:45	OP-SH10-6			09:45	OP-PM47-6
THIOL-BASED SUPPLEMENTATION ALTERS CYTOKINE AND ADHESION MOLECULE RESPONSES FOLLOWING TWO EXERCISE MODELS				SIZE BIAS IN SOCCER REFEREES AND THE IMPACT OF RUMINATIVE THOUGHTS				THE INFLUENCE OF LOCAL CRYOTHERAPY AND MANUAL LYMPHATIC DRAINAGE ON RECOVERY PARAMETERS AND MUSCLE ENZYMES AFTER EXHAUSTING ECCENTRIC EXERCISES	
Fatouros, I. et al [Greece]				Kinrade, N.P. et al [United Kingdom]				Jedlicka, D. et al [Germany]	

Oral & Invited Presentations

Auditorium	IS-PM15	Forum	IS-BN10	Emerald	IS-PM09	E102	IS-SH09	G102	OP-BN14
Ultra endurance exercise; physiological limitations and performance - sponsored by IOC Solidarity Fund		What do we know about intermuscular force transmission?		Cardiovascular Adaptation in Athletes: What's New? * - sponsored by IOC Solidarity Fund		ECSS - ACSM exchange symposium: ActiveEarth		Injury Prevention	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
Helge, J. [Denmark]		Maas, H. [Netherlands]		Coombes, J. [Australia]		Meeusen, R. [Belgium]		Chaudhari, A. [United States]	
Daanen, H. [Netherlands]		Jaspers, R. [Netherlands]						moen, m. [Netherlands]	
10:20	IS-PM15-1	10:20	IS-BN10-1	10:20	IS-PM09-1	10:20	IS-SH09-1	10:20	OP-BN14-1
THE TEFR-PROJECT: ADAPTATION AND TOLERANCE TO EXTREME ULTRA ENDURANCE EXERCISE		IMPORTANCE OF INTERMUSCULAR CONNECTIVITY FOR IN VIVO MUSCLE FUNCTION AND NEUROMUSCULAR CONTROL		THE ATHLETE'S HEART: NEW TOOLS PROVIDE NEW INSIGHT INTO UPPER LIMITS OF CARDIAC ADAPTATION		ACTIVEARTH: THE AMERICAN PERSPECTIVE		INJURY PREVENTION IN RUGBY PLAYERS: KNOWLEDGE AND EDUCATION STRONGER DETERMINANTS OF CORRECT BEHAVIOUR THAN PERCEPTIONS	
Schütz, U. [Germany]		Maas, H. [Netherlands]		George, K. [United Kingdom]		10:50 EXCHANGE SYMPOSIA: ACTIVEARTH		Brown, J. et al [South Africa]	
						DeBourdeaudhuij, I. [Belgium]			
10:50	IS-PM15-2	10:50	IS-BN10-2	10:50	IS-PM09-2			10:35	OP-BN14-2
ENVIRONMENTAL INFLUENCES ON ULTRA-ENDURANCE ATHLETES		THE EXTENT OF INTERMUSCULAR FORCE TRANSMISSION IS MUSCLE AND ACTIVITY DEPENDENT		IS THERE AN "ATHLETE'S ARTERY"?				A NEW INJURY PREVENTION PROGRAMME FOR CHILDREN'S FOOTBALL <FIFA 11+ KIDS> IMPROVES MOTOR PERFORMANCE: A CLUSTER RANDOMIZED CONTROLLED TRIAL	
Cotter, J.D. [New Zealand]		Finni, T. [Finland]		Green, D.J. [United Kingdom]				Rössler, R. et al [Switzerland]	
11:20	IS-PM15-3	11:20	IS-BN10-3	11:20	IS-PM09-3			10:50	OP-BN14-3
FACTORS DETERMINING ULTRA-ENDURANCE EXERCISE PERFORMANCE		VARIOUS HUMAN AND ANIMAL EXPERIMENTS SHOW SUBSTANTIAL INTERMUSCULAR FORCE TRANSMISSION EFFECTS, EXCEPT AMONG MUSCLES EXPOSED TO BOTULINUM TOXIN		THERMOREGULATION IN ATHLETES				MORE RUNNING SHOES, LOWER INJURY RISK?	
Mattsson, C.M. [Sweden]		Yucesoy, C. [Turkey]		Narihiko, K. et al [Japan]				Malisoux, L. et al [Luxembourg]	
								11:05	OP-BN14-4
								IMPLEMENTATION EFFECTIVENESS OF AN EVIDENCE BASED APP TO PREVENT ANKLE SPRAINS	
								Vriend, I. et al [Netherlands]	
								11:20	OP-BN14-5
								EXPECTING ANKLE TILTS AND WEARING A BRACE REDUCE ANKLE INVERSION IN THE SPRAIN MECHANISM	
								Gehring, D. et al [Germany]	
								11:35	OP-BN14-6
								RELATIVE AGE EFFECT AND INJURIES IN ELITE SCHOOLBOY CRICKETERS	
								Stretch, R. [South Africa]	

G103	OP-PM48	G104	IS-SH10	G105	IS-SH11	G106	OP-PM49	G107	OP-PM50
Training & Adaptation		Sitting, activity and health at work * - Sponsored by: The Coca Cola Company		Sports law: the integrity of sports		Cardiovascular Exercise Physiology 3		Blood Markers of Fatigue & Inflammation	
Chair(s):		Chair(s):		Chair(s):		Chair(s):		Chair(s):	
Hopkins, W. [Australia]		van Mechelen, W. [Netherlands]		Olfers, M. [Netherlands]		Wiskemann, J. [Germany]		Nosaka, K. [Australia]	
10:20	OP-PM48-1	10:20	IS-SH10-1	10:20	IS-SH11-1	10:20	OP-PM49-1	10:20	OP-PM50-1
TAPERING IN MIDDLE-DISTANCE RUNNERS: THE EFFECT OF A FINAL HIGH INTENSITY TRAINING BOUT ON 1,500 M PERFORMANCE		BEHAVIOURAL EPIDEMIOLOGY OF SITTING AND ACTIVITY AT WORK		THE SPORTS-MONOPOLY: PLAY IT "FAIR"		DOSE-RESPONSE OF HABITUAL PHYSICAL ACTIVITY AND HEART RATE VARIABILITY IN YOUNG WOMEN		HORMONAL INFLUENCE ON CYTOKINES PRODUCTION IN MARATHON RUNNERS	
Spilsbury, K.S. et al [United Kingdom]		Brown, W. [Australia]		Olfers, M. [Netherlands]		Krause, F. et al [Germany]		Vaisberg, M. et al [Brazil]	
10:35	OP-PM48-2	10:50	IS-SH10-2	10:50	IS-SH11-2	10:35	OP-PM49-2	10:35	OP-PM50-2
THE IMPACT OF 8-MONTH TRAINING PREPARATION FOR AN IRONMAN DISTANCE TRIATHLON ON FITNESS AND IMMUNE RESPONSE IN RECREATIONAL ATHLETES.		REDUCING SEDENTARY BEHAVIOUR IN THE WORKPLACE		EVALUATION OF THE CREATION OF A GLOBAL SPORTS ANTI-CORRUPTION BODY		WHICH ALLOMETRIC MODEL BEST DESCRIBES THE BODY SIZE/CARDIAC DIMENSION RELATIONSHIP IN AN ETHNICALLY DIVERSE COHORT OF ATHLETES?		INDIVIDUAL PATTERNS IN BLOOD-BORN INDICATORS OF FATIGUE - FORTUITY OR TRAIT?	
Tanner, A.V. et al [United Kingdom]		van der Ploeg, H.P. [Netherlands]		Gardiner, S. [United Kingdom]		Riding, N. et al [Qatar]		Julian, R. et al [Germany]	
10:50	OP-PM48-3	11:20	IS-SH10-3	11:20	IS-SH11-3	10:50	OP-PM49-3	10:50	OP-PM50-3
DISTURBANCES TO SLEEP ARCHITECTURE IN ATHLETES DURING RAMADAN		NOVEL WORKSITE INTERVENTIONS FROM THE SOUTHERN HEMISPHERE		INTEGRITY OF SPORTS – GOOD GOVERNANCE IN SPORT ORGANIZATIONS		CARDIOPULMONARY FUNCTION IN AMATEURS RUNNERS BEFORE AND AFTER SÃO PAULO INTERNATIONAL MARATHON		HORMONAL CHANGES DUE TO A 2-BOUT EXERCISE PROTOCOL	
Chamari, K. et al [Qatar]		Kolbe Alexander, T.L. [Australia]		Schenk, S. [Germany]		Sierra, A. et al [Brazil]		de Geus, B. et al [Belgium]	
11:05	OP-PM48-4					11:05	OP-PM49-4	11:05	OP-PM50-4
THE EFFECT OF REPEATED BOUTS OF DOWNHILL TRAINING ON 30-KM RUNNING PERFORMANCE AND RECOVERY						INFLUENCE OF A CYP1A2 POLYMORPHISM ON HEART RATE VARIABILITY DURING EXERCISE WITH CAFFEINE INGESTION		THE REPRODUCIBILITY OF BLOOD-BORN AND PSYCHOLOGICAL MARKERS OF FATIGUE AND RECOVERY IN ELITE ATHLETES	
Lambert, M. et al [South Africa]						Carrillo, A.E. et al [United States]		Fullagar, H. et al [Germany]	
11:20	OP-PM48-5					11:20	OP-PM49-5		
NO EFFECT OF INTENSIVE TRAINING ON PLASMA BDNF AND CORTISOL CONCENTRATIONS IN HIGHLY TRAINED CYCLISTS						CROSS-SECTIONAL STUDY ON THE RELATION BETWEEN MEDITERRANEAN DIET SCORE AND BLOOD LIPIDS			
Piacentini, M.F. et al [Italy]						Mertens, E. et al [Belgium]			

Mini-Oral Presentations

Wednesday, July 2nd, 2014

13:00 - 14:00 Slot A

MO-PM01 NU Ergogenic Supplements 1

LECTURE ROOM: AUDITORIUM

Chair(s):

Place, N. [Switzerland]

Raastad, T. [Norway]

MO-PM01-1

COMBINED LONG-TERM CAFFEINE INTAKE AND EXERCISE IMPROVES DIABETIC NEPHROPATHY IN OTSUKA LONG-EVANS TOKUSHIMA FATTY RATS Masato, S. [Japan]

MO-PM01-2

EFFECTS OF CAFFEINE CONTAINING ENERGY DRINK ON FEMALE VOLLEYBALL PERFORMANCE Pérez López, A. et al [Spain]

MO-PM01-3

COMBINED EFFECTS OF ICE SLURRY AND CAFFEINE INGESTION ON THERMOREGULATION AND EXERCISE CAPACITY IN A WARM ENVIRONMENT Hasegawa, H. [Japan]

MO-PM01-4

HEALTH BENEFITS OF CREATINE SUPPLEMENTATION WITH AND WITHOUT ALLFA-LIPOLIC ACID IN OVERWEIGHT SEDENTARY MALES: PILOT STUDY Polyviou, T. et al [United Kingdom]

MO-PM01-5

PRE-EXERCISE ACUTE CREATINE SUPPLEMENTATION EFFECTS ON REPEATED SPRINT PERFORMANCE IN CREATINE LOADED AND UNLOADED YOUNG BASKETBALL PLAYERS Tok, O. et al [Turkey]

MO-PM01-6

CREATINE ADMINISTRATION IN ATHLETES: EFFECTS ON RECOVERY OF ACUTE KNEE INJURY Golshanraz, A. et al [Iran]

MO-PM02 HF Obesity

LECTURE ROOM: FORUM

Chair(s):

Proper, K. [Netherlands]

Kemper, H. [Netherlands]

MO-PM02-1

DOES PHYSICAL ACTIVITY AND CENTRAL OBESITY INFLUENCE HEALTH-RELATED QUALITY OF LIFE IN AGED POPULATION? Fernandes, F. et al [Portugal]

MO-PM02-2

EFFECTS OF DIFFERENCES IN WEIGHT-LOSS DEGREE ON IMPROVING PHYSICAL FITNESS SO, R. et al [Japan]

MO-PM02-3

EFFECT OF ACUTE AEROBIC EXERCISE ON APETITE AND PLASMA ACYLATED GHRELIN AND NESFATIN-1 OF GRADE 1 OBESE AND LEAN MEN Reischak Oliveira, A. et al [Brazil]

MO-PM02-4

EFFECTS OF 6 MONTH OF AIT ON FAT METABOLISM IN THE SKELETAL MUSCLE OF METABOLIC SYNDROME PATIENTS Fernández Elias, V.E. et al [Spain]

MO-PM02-5

THE RELATIONSHIP BETWEEN SUBCUTANEOUS FAT AND INTRAMUSCULAR LIPID IN HUMAN LIMB. Yoshikawa, M. et al [Japan]

MO-PM02-6

EFFECTS OF LIFESTYLE MODIFICATION ON METABOLIC SYNDROME WOMEN Orbán, K. et al [Hungary]

MO-PM02-7

METABOLIC SYNDROME, OBESITY INDICES AND CARDIORESPIRATORY FITNESS OF OVERWEIGHT AND OBESE CYPRIOT ADOLESCENTS Panayiotou, G. et al [Cyprus]

MO-PM03 PH High Intensity Interval Training

LECTURE ROOM: E102

Chair(s):

Cocks, M. [United Kingdom]

McNarry, M. [United Kingdom]

MO-PM03-1

HIGH INTENSITY INTERMITTENT EXERCISE TRAINING RESULTS IN MORE SENSITIVE EATING BEHAVIOUR Sim, A. [Australia]

MO-PM03-2

THREE MINUTES OF ALL-OUT INTERMITTENT EXERCISE PER WEEK INDUCES SKELETAL MUSCLE REMODELING IN OVERWEIGHT ADULTS Gillen, J.B. et al [Canada]

MO-PM03-3

THE EFFECT OF HIGH-INTENSITY INTERVAL EXERCISE AND RESISTANCE EXERCISE ON QTC INTERVAL IN YOUNG MALES* Nie, J. et al [Macau]

MO-PM03-4

THE EFFECT OF HIGH-INTENSITY INTERVAL EXERCISE AND RESISTANCE EXERCISE ON GLUCOSE METABOLISM IN OBESE ADULTS* Shi, Q. et al [Macau]

MO-PM03-5

6 WEEKS OF HIT DECREASES VISCERAL FAT CONTENT AND INCREASES VO2MAX. Danielsen, J.H. et al [Denmark]

MO-PM03-6

ACTIVATION OF FAT METABOLISM DURING HIIT WITH MATCHED MEAN INTENSITY. Eigendorf, J. et al [Germany]

MO-PM03-7

THE REPRODUCIBILITY OF SALIVARY CORTISOL AND TESTOSTERONE RESPONSES TO A SHORT DURATION, HIGH-INTENSITY CYCLING BOUT Hough, J. et al [United Kingdom]

MO-PM03-8

CEREBRAL OXYGENATION DURING REPEATED WINGATE TEST Perez Valera, M. et al [Spain]

MO-PM03-9

PSYCHOLOGICAL RESPONSES TO AN ACUTE BOUT OF HIGH-INTENSITY INTERVAL AND MODERATE-INTENSITY CONTINUOUS TRAINING IN SEDENTARY OVERWEIGHT AND OBESE WOMEN Hsiang Chi, Y. et al [Taiwan]

MO-BN01 BM Running

LECTURE ROOM: G102

Chair(s):

Pate, R. [United States]

Federolf, P. [Norway]

MO-BN01-1

THE SPATIO-TEMPORAL DIFFERENCES BETWEEN GAIT PARAMETERS FROM 8 WEEKS MINIMALIST FOOTWEAR HABITUATION: A COMPARISON OF THREE FOOTWEAR CONDITIONS. Gravestock, H. et al [United Kingdom]

MO-BN01-2

THE BIOMECHANICAL CHANGES ASSOCIATED WITH AN 8-WEEK PROGRESSIVE BAREFOOT RUNNING PROGRAMME Tam, N. et al [South Africa]

MO-BN01-3

DECISIVE ANTHROPOMETRIC, PHYSIOLOGICAL AND BIOMECHANICAL VARIABLES FOR HALF-MARATHON PERFORMANCE Ogueta, A. et al [Spain]

MO-BN01-4

VERTICAL GROUND REACTION FORCE DURING JOGGING IN BARE AND SHOD CONDITIONS Koyama, K. et al [Japan]

MO-BN01-5

MODIFYING FACTORS OF OSCILLATIONS AT THE ACHILLES TENDON Meinert, I. et al [Germany]

MO-BN01-6

ALTERATIONS IN LOWER LIMB RECRUITMENT AND KINEMATICS DURING ACUTE EXPOSURE TO BAREFOOT RUNNING. Fleming, N. et al [United States]

MO-BN01-7

SPRINT RUNNING WITH A BODY-WEIGHT SUPPORTING KITE - ARE THERE NEGATIVE EFFECTS ON 'FRONT SIDE MECHANICS' IN WELL TRAINED SPRINTERS? Kraljky, S. et al [Austria]

MO-BN01-8

A NEW PRESSURE PLATE-BASED METHOD FOR FOOT STRIKE PATTERNS EVALUATION Santuz, A. et al [Germany]

MO-BN01-9

MECHANICAL PROPERTIES OF TRICEPS SURAE MUSCLE-TENDON UNIT IN KENYAN DISTANCE RUNNERS Oda, T. et al [Japan]

MO-PM04 Molecular Biology & Strength

LECTURE ROOM: G103

Chair(s):

Jaspers, R. [Netherlands]

Vogt, M. [Switzerland]

MO-PM04-1

RESISTANCE TRAINING SUPPRESSES THE HSPB1 GENE EXPRESSION IN SKELETAL MUSCLE OF RATS Fayazmilani, R. et al [Iran]

MO-PM04-2

THE INFLUENCE OF RESISTANCE EXERCISE ON SUBSARCOLEMMAL CYTOSKELETON STIFFNESS AND ANABOLIC SIGNALING EVENTS IN HUMAN SKELETAL MUSCLE: а PILOT STUDY lysenko, E.A. et al [Russia]

MO-PM04-3

DEVELOPMENT OF A NEW TRAINING PROTOCOL TO INDUCE SKELETAL MUSCLE HYPERTROPHY IN MALE RATS - ANALYSIS OF COMBINATORY EFFECTS OF TRAINING AND ANABOLIC STEROIDS Hengevoß, J. et al [Germany]

MO-PM04-4

THE EFFECT OF MYOADENYLATE DEAMINASE'S GENETIC VARIANT ON THE POWER PERFORMANCE OF ELITE LITHUANIAN ATHLETES Gineviene, V. et al [Lithuania]

MO-PM04-5

RESPONSE OF ACTN2 GENE EXPRESSION AFTER DAMAGING EXERCISE IN SLOW-TWITCH MUSCLES Khaleji, N. et al [Iran]

MO-PM04-6

ACTN3 R ALLELE IS SPEED-ORIENTED GENE RATHER THAN STRENGTH-ORIENTED Kim, C. et al [Korea, South]

MO-PM04-7

GENETIC RISK ASSESSMENT MODELS FOR ACHILLES TENDINOPATHY Saunders, C.J. et al [South Africa]

MO-PM04-8
THE EFFECT OF PHYSICAL ACTIVITY ON BLOOD FLOW OF THE ACHILLES TENDON
Wezenbeek, E. et al [Belgium]

MO-SH01 Psychology & Soccer

LECTURE ROOM: G104
Chair(s):
Hutter, V. [Netherlands]
Vine, S. [United Kingdom]

MO-SH01-1
AWARDING RED CARD IN SOCCER: DOES POSSIBLE CONSEQUENCES INFLUENCE REFEREES' DECISION-MAKING?
Erikstad, M.K. et al [Norway]

MO-SH01-2
PHYSICAL TRAINING AND MENTAL PREPARATION AMONG NORWEGIAN TOP-CLASS FOOTBALL REFEREES
Johansen, B.T. et al [Norway]

MO-SH01-3
ASSISTANT REFEREES USE THE SOUND OF THE MOMENT OF THE FINAL PASS IN JUDGING OFF-SIDE IN FOOTBALL
Koedijker, J. et al [Switzerland]

MO-SH01-4
THE GOALKEEPER POSITIONING EFFECT AND PENALTY KICK STRATEGY
Noël, B. et al [Germany]

MO-SH01-5
INJURY EXPERIENCES IN ADOLESCENT FEMALE SOCCER
Gledhill, A. et al [United Kingdom]

MO-SH01-6
SPORT PSYCHOLOGY: A KEY COMPONENT OF A FOOTBALL ACADEMY
Fink, C. et al [United States]

MO-PM05 Physical Education & Body Composition

LECTURE ROOM: G105
Chair(s):
Close, G. [United Kingdom]
Miyachi, M. [Japan]

MO-PM05-1
DIFFERENCES OF ANTHROPOMETRIC CHARACTERISTICS, CARDIOVASCULAR DISEASE RISK FACTORS, PHYSICAL ACTIVITY OF JAPANESE CHILDREN ACCORDING TO VO2MAX
Sasayama, K. et al [Japan]

MO-PM05-2
TEACHERS OF PHYSICAL EDUCATION AND THE ACTIONS OF PREVENTION AND FIGHTING OBESITY
MIRANDA, M. [Brazil]

MO-PM05-3
THE REALTION BETWEEN THE LEVEL OF PHYSICAL FITNESS AND SPORTS PRACTICE SPORTS MANIFESTED BY YOUNG WITH 12 TO 16 YEARS OLD, IN BOTH GENDERS.
Martins, J. et al [Portugal]

MO-PM05-4
UNDERSTANDING ADOLESCENT SEDENTARY BEHAVIOUR USING ACCELEROMETRY AND SELF-REPORT
Powell, D. et al [Ireland]

MO-PM05-5
THE RELATIONSHIP BETWEEN SCHOOL TIME PHYSICAL ACTIVITY AND BODY COMPOSITION OF PRIMARY SCHOOL CHILDREN.
Rodrigues, L. et al [Portugal]

MO-PM05-6
ACTIVE AND OUTDOOR LEARNING; A STUDY OF PEDAGOGICAL APPROACHES FOR TEACHING CORE CURRICULUM SUBJECTS AND PROMOTING PHYSICAL ACTIVITY IN PRIMARY SCHOOLS
Dorling, H. et al [United Kingdom]

MO-PM05-7
AWARENESS LEVEL OF EXERCISE RECOMMENDATIONS AMONG PHYSICAL EDUCATION TEACHERS
Rosenhagen, A. et al [Germany]

MO-PM05-8
TEACHER EDUCATION STUDENTS' AND SUPERVISORS' KNOWLEDGE OF PHYSICAL ACTIVITY RECOMMENDATION FOR CHILDREN
Guimaraes, M. et al [Portugal]

MO-PM05-9
DEVELOPMENT OF PREDICTIVE MODELS ON THE BASIS OF GENETIC, ANAMNESIS'S AND BIOCHEMICAL ANALYSES IN A GROUP OF STUDENTS
Glotov, O.S. et al [Russia]

MO-PM05-10
CHARACTERISTICS OF PHYSICAL ACTIVITY OF OBESE CHILDREN IN HUNAN, CHINA
Pengyu, D. et al [Japan]

MO-PM06 TT Teamsport

LECTURE ROOM: G106
Chair(s):
Cortis, C. [Italy]
Wagner, H. [Austria]

MO-PM06-1
THE RELIABILITY OF SELF-PACED PERFORMANCE DURING A TEAM-SPORT SIMULATION ON A NON-MOTORISED TREADMILL
Tofari, P. et al [Australia]

MO-PM06-2
EXPERTISE DIFFERENCES IN PATTERN RECALL SKILLS AT REST AND DURING PHYSICAL EXERCISE
Schapschröer, M. et al [Germany]

MO-PM06-3
SEASONAL ADAPTATIONS IN THE PHYSICAL PERFORMANCE OF FUTSAL PLAYERS AND ITS EFFECTS ON OFFENSIVE SKILLS.
Domingues, D. et al [Portugal]

MO-PM06-4
ENERGETICS OF SHORT SHUTTLE RUNS IN BASKETBALL PLAYERS
Zamparo, P. et al [Italy]

MO-PM06-5
IMPACT OF MATURATION ON JUNIOR ELITE AFL ATHLETES MOVEMENT PROFICIENCY AND FIELD BASED PERFORMANCE.
Ball, N. et al [Australia]

MO-PM06-6
PERFORMANCE PREDICTION IN PROFESSIONAL BASKETBALL: INFERENCES FROM PRE-SEASONAL FITNESS SCORES OF JUNIOR AND SENIOR ELITE PLAYERS
Hoos, O. et al [Germany]

MO-PM06-7
THE USE OF 2D AND 3D VIDEO CLIPS IN A PERCEPTUAL-COGNITIVE JUDGEMENT TASK
Put, K. et al [Belgium]

MO-PM06-8
DOES BODY LOAD INDICATE ECCENTRIC LOADING?
Yeo, V. et al [Australia]

MO-BN02 BM Kinematics

LECTURE ROOM: G107
Chair(s):
Ettema, G. [Norway]
Bacca, A. [Austria]

MO-BN02-1
KINEMATICS OF SHOTS AND SHOULDER MUSCLES ACTIVATION IN NOVUS PLAYERS
Talts, V. et al [Estonia]

MO-BN02-2
REPRODUCIBILITY OF SPATIO-TEMPORAL AND DYNAMIC PARAMETERS IN VARIOUS, DAILY OCCURRING, CURVE WALKING CONDITIONS
Krafft, F.C. et al [Germany]

MO-BN02-3
COMPARISON OF KINETIC VARIABLES AND THEIR TIMING BETWEEN WALKING BAREFOOT AND WALKING IN TONING SHOES
Klous, M. et al [United States]

MO-BN02-4
INDIVIDUAL GAIT PATTERNS ARE CHANGING MUCH MORE BY ITSELF
Horst, F. et al [Germany]

MO-BN02-5
ANALYSIS OF IMMEDIATE EFFECTS OF UNEVEN GROUND ON GAIT PATTERNS BY MEANS OF SUPPORT VECTOR MACHINES
Eekhoff, A. et al [Germany]

MO-BN02-6
3D KINEMATIC ANALYSIS OF TWO DIFFERENT ROUNDHOUSE KICK IN ELITE KARATE PLAYERS
Paydar, A. et al [Turkey]

MO-BN02-7
A KINEMATIC ANALYSIS OF THE DOUBLE-SIDE KICK IN POINT-FIGHTING <KICKBOXING>
Hölbling, D. et al [Austria]

MO-BN02-8
EFFECTIVENESS OF MUSCULAR STRENGTH DRILLS IN ACHIEVING BALANCE OF ARM AND SHOULDER MUSCLES AND THEIR EFFECT ON KINEMATIC VARI-

ABLES OF STRAIGHT PUNCHES
Habib, H. et al [Egypt]

MO-BN02-9
INFLUENCE OF PLAYERS' LEVEL ON RACKET SPEED AND BALL ACCURACY IN THE TENNIS SERVE
Tubez, F. et al [Belgium]

MO-PM07 TT HR Recovery & Variability

LECTURE ROOM: E103
Chair(s):
Havenith, G. [United Kingdom]
de Geus, B. [Belgium]

MO-PM07-1
HEART RATE PREDICTS ANEROBIC LACTATE THRESHOLDS IN PROFESSIONAL TEAM SPORTS
Garcia Tabar, I. et al [Spain]

MO-PM07-2
THE USE OF HEART RATE FOR MONITORING THE ACCLIMATIZATION STATUS TO HIGH ALTITUDE TRAINING IN CROSS-COUNTRY SKIERS
Takeda, M. et al [Japan]

MO-PM07-3
COMPARISON OF ATHLETE-COACH PERCEPTIONS OF INTERNAL AND EXTERNAL LOAD MARKERS FOR ELITE JUNIOR TENNIS TRAINING.
Murphy, A. et al [Australia]

MO-PM07-4
STUDY OF HEART RATE VARIABILITY, METABOLIC MARKERS AND FUNCTIONAL BIOMECHANICS PARAMETERS IN BASKETBALL PLAYERS SUBMITTED TO IVE LOADS PERIODIZATION SYSTEM
Mazon, J.H. et al [Brazil]

MO-PM07-5
FUNCTIONAL OVERREACHING IN ENDURANCE ATHLETES: EFFECTS ON PERFORMANCE, PHYSIOLOGICAL RESPONSE AND HEALTH
Le Meur, Y. et al [France]

MO-PM07-6
RELATIONSHIP BETWEEN AEROBIC FITNESS AND HEART RATE RECOVERY IN DIFFERENT SPORTS
Riani Costa, L. et al [Brazil]

Mini-Oral Presentations

MO-PM07-7

NONLINEAR HRV INDICES IN RESPONSE TO AN INCREMENTAL TEST IN YOUNG CYCLISTS
Camarena, B. et al [Spain]

MO-PM07-8

ANAEROBIC THRESHOLD ASSESSMENT FROM HEART RATE VARIABILITY IN RUNNING: USING THE ACTUAL RESPIRATORY SPECTRAL COMPONENT
Di Michele, R. et al [Italy]

MO-PM08 SM Exercise=Medicine

LECTURE ROOM: E104

Chair(s):
van der Woude, L. [Netherlands]
Brown, W. [Australia]

MO-PM08-1

BALANCING THE IMBALANCE OF STROKE SURVIVORS WITH BACKWARD SLOPE WALKING ON DIFFERENTIAL TREADMILL GRADIENTS
Agbonlahor, E. [Nigeria]

MO-PM08-2

IMPACT OF DIFFERENT TRAINING MODALITIES ON GLYCEMIC CONTROL AND BLOOD LIPIDS IN SUBJECTS WITH TYPE 2 DIABETES: A SYSTEMATIC REVIEW AND NETWORK META-ANALYSIS
Schwingshackl, L. et al [Austria]

MO-PM08-3

HEART RATE RECOVERY AND AEROBIC ENDURANCE CAPACITY IN CANCER SURVIVORS: ASSOCIATIONS AND EXERCISE-INDUCED IMPROVEMENTS
Gonzalez-Rivera, J. et al [Germany]

MO-PM08-4

SUBJECTIVE AND OBJECTIVE AEROBIC PERFORMANCE MONITORING IN BREAST CANCER PATIENTS
Hacıbayramoglu, M. et al [Germany]

MO-PM08-5

THE EFFECT OF A 12 WEEKS RANDOMIZED CONTROLLED TRIAL OF VIGOROUS EXERCISE ON MOTOR SKILLS IN A GROUP OF OVER65 PEOPLE
Melis, S. et al [Italy]

MO-PM08-6

POSTEXERCISE HYPOTENSION IN CHRONIC HEART FAILURE PATIENTS AFTER CONTINUOUS AND

INTERVAL EXERCISE TRAINING

Bieniek, S. [Germany]

MO-PM08-7

EXERCISE INTERVENTIONS FOR PATIENTS WITH PERIPHERAL NEUROPATHY
Streckmann, F. et al [Germany]

MO-PM08-8

CRITICAL TIME FOR CYCLE ERGOMETER EXERCISE IS DEPENDENT ON EXERCISE INTENSITY IN TYPE 1 DIABETES – A SINGLE CASE STUDY
Moser, O. et al [Austria]

MO-PM09 TT Agility

LECTURE ROOM: E105-106

Chair(s):
Lemmink, K. [Netherlands]

MO-PM09-1

THE EFFECTS OF MULTIPLE CHANGES OF DIRECTION TRAINING ON NEUROMUSCULAR PERFORMANCES
Padulo, J. et al [Italy]

MO-PM09-2

AGE RELATED DIFFERENCES IN AGILITY DURING A TRAINING SEASON IN YOUTH ELITE SOCCER PLAYERS
Bidaurrezaga Letona, I. et al [Spain]

MO-PM09-3

AGILITY TESTING IN TOP-LEVEL PROFESSIONAL BASKETBALL PLAYERS
Moreno, D. et al [Spain]

MO-PM09-4

IS JUMP ABILITY RELATED TO SPECIFIC SHORT SPRINTS IN YOUNG FEMALE VOLLEYBALL PLAYERS?
Buscà, B. et al [Spain]

MO-PM09-5

ENDURANCE AND AGILITY PROFILE BETWEEN MALE SOCCER PLAYERS OF DIFFERENT AGE CATEGORIES
Shalaj, I. et al [Kosovo]

MO-PM09-6

SPEED TESTING IN FOIL AND EPEE FENCERS DURING SPECIFIC ATTACKS
Weichenberger, M. et al [Germany]

MO-PM09-7

A STUDY ON THE METHOD OF MEASURING SIMPLE REACTION, CHOICE REACTION AND DISCRIMINATIVE REACTION TIMES OF THE TURKISH AIR FORCE ACADEMY CADETS
Kamuk, Y. [Turkey]

MO-PM09-8

A COMPARISON BETWEEN THE REACTION TIMES OF ADVANCED MARTIAL ARTS ATHLETES AND ADVANCED COMPUTER GAME PLAYERS <E-ATHLETES> AND THEIR ACHIEVEMENT SCORES OF COMPLEX ACTION FORMAT
Sagdılek, E. et al [Turkey]

MO-PM10 Thermoregulation 1

LECTURE ROOM: E107

Chair(s):
Levels, K. [Netherlands]
Kenney, W. [United States]

MO-PM10-1

THERMOGRAPHIC SKIN TEMPERATURE RESPONSE TO DIFFERENT MOVEMENT VELOCITY OF SQUAT EXERCISE UNTIL EXHAUSTION: A PRELIMINARY REPORT
Formenti, D. et al [Italy]

MO-PM10-2

VASTUS LATERALIS REPRESENTS THE ASSOCIATION BETWEEN NEUROMUSCULAR ACTIVATION AND THERMOREGULATION IN CYCLING
Priego, J.I. et al [Spain]

MO-PM10-3

EFFECT OF COOLING STRATEGIES ON CYCLING PERFORMANCE IN THE HEAT: THERMAL STATE VS. THERMAL COMFORT
Schulze, E. et al [Netherlands]

MO-PM10-4

EFFECTS OF ACTIVE OR PASSIVE RECOVERY MODALITIES BETWEEN TWO 1000-M KAYAK ERGOMETER TIME TRIALS IN THE HEAT ON THERMOREGULATORY STRAIN AND PERFORMANCE IN ELITE KAYAKERS
Borne, R. et al [France]

MO-PM10-5

EXERCISE-INDUCED RESPONSE IN SWEATING AND BODY TEMPERATURE DURING CYCLING EXERCISE

WITH MODERATE INTENSITY

Koike, H. et al [Japan]

MO-PM10-6

CARDIOVASCULAR AND THERMOREGULATORY RESPONSES TO VARIOUS WORK INTENSITIES WHILE WEARING PERSONAL PROTECTIVE CLOTHING IN THE HEAT
Costello, J.T. et al [Australia]

MO-PM10-7

COMBINED EFFECTS OF PASSIVE HYPERTHERMIA AND MENTAL FATIGUE ON ENDURANCE CAPACITY DURING HEAVY EXERCISE IN THE HEAT
Otani, H. et al [Japan]

MO-PM10-8

RELIABILITY OF SERUM BIOMARKERS ASSOCIATED WITH HEAT STRESS, INFLAMMATION AND IMMUNOSUPPRESSION IN HEALTHY, TROPICALLY ACCLIMATISED, ACTIVE INDIVIDUALS.
Guy, J.H. et al [Australia]

MO-PM10-9

HYDRATION PRACTICES, THERMOREGULATORY RESPONSES, AND ACTIVITY PATTERNS OF ADOLESCENT MALE FIELD HOCKEY PLAYERS TRAINING IN A HOT AND HUMID ENVIRONMENT – AN OBSERVATIONAL STUDY
Chia, M. et al [Singapore]

MO-PM10-10

PERIPHERAL BLOOD FLOW CHANGES IN RESPONSE TO POST-EXERCISE COLD WATER IMMERSION
Choo, H.C. et al [Australia]

MO-PM11 Physical Activity in Children 1

LECTURE ROOM: E108

Chair(s):
McKay, H. [Canada]
Carlsen, K. [Norway]

MO-PM11-1

FITNESS PROFILE AMONG 15 YEAR OLD ADOLESCENTS IN PRISHTINA, KOSOVO
Tishukaj, F. et al [Kosovo]

MO-PM11-2

A COMPARISON OF CHILD OBESITY PREVALENCE CHANGES USING INTERNATIONAL AND UNITED KINGDOM NATIONAL GROWTH REFERENCES FOL-

LOWING A 10-WEEK INTERVENTION

Brown, E. et al [United Kingdom]

MO-PM11-3

EXPLORATORY DEVELOPMENT OF A RISK SCORE FOR CHILDREN'S PHYSICAL ACTIVITY CORRELATES BASED ON THE YOUTH PHYSICAL ACTIVITY PROMOTION MODEL
Fairclough, S.J. et al [United Kingdom]

MO-PM11-4

PARKOUR AS A MEAN TO INCREASE PHYSICAL ACTIVITY IN ADOLESCENTS
Zangerl, R. et al [Sweden]

MO-PM11-5

RELATIONSHIP BETWEEN OBJECTIVELY MEASURED PHYSICAL ACTIVITY AND FMS IN CHILDREN
Uvacsek, M. et al [Hungary]

MO-PM11-6

HOW ACTIVE ARE GERMAN CHILDREN AND ADOLESCENTS AND WHERE SHOULD ACTIVITY PROMOTION FOCUS ON IN FUTURE?
Manz, K. et al [Germany]

MO-PM11-7

WHERE DOES THE TIME GO? PATTERNS OF DAILY PHYSICAL ACTIVITY IN ADOLESCENT YOUTH AS MEASURED BY ACCELEROMETER
Belton, S. et al [Ireland]

MO-PM11-8

CHANGE IN SALIVARY BIOMARKERS OF THE CHILDREN AND ADOLESCENTS IN A TSUNAMI DISASTER AREA.
Sakamoto, Y. et al [Japan]

MO-PM11-9

FUNDAMENTAL MOVEMENT SKILLS OF PRE-SCHOOL CHILDREN IN NORTHWEST ENGLAND
Foulkes, J.D. et al [United Kingdom]

MO-SH02 Sport Psychology & Physical Education

LECTURE ROOM: G108

Chair(s):
Bonsignore, M. [Italy]
Lavallee, D. [United Kingdom]

MO-SH02-1

VALUE THEORY: A NEW PARADIGM FOR SPORT PSYCHOLOGY?

Whitehead, J. et al [United Kingdom]

MO-SH02-2

CORPORAÇÃO PROJECT: PRACTICE OF SPORTS IN THE COMPANY FOR PSYCHOLOGICAL ABILITIES' DEVELOPMENT

Analha, G.O. et al [Brazil]

MO-SH02-3

FACTORS INFLUENCING POPULARIZATION OF RECREATIONAL RUNNING. A PILOT STUDY ON POLISH RUNNERS

Czajka, K. et al [Poland]

MO-SH02-4

A STUDY ON THE ASSERTIVENESS LEVEL OF PHYSICAL EDUCATION AND SPORTS COLLEGE STUDENTS

Erbasi, F.M. et al [Turkey]

MO-SH02-5

ANALYZING THE CONNECTING LEVEL OF THE STUDENTS IN SCHOOL OF PHYSICAL EDUCATION AND SPORTS BETWEEN THEIR MOODS AND THE ACHIEVEMENT GOAL CORRELATION

Baykose, N. et al [Turkey]

MO-SH02-6

EFFECTS OF LIGHT PHYSICAL ACTIVITIES ON INACTIVE STUDENTS' MOOD IN DAILY LIFE: AN AMBULATORY ASSESSMENT STUDY

von Haaren, B. et al [Germany]

MO-SH02-7

STUNKARD IMAGES, BMI AND PERCEPTION OF STRENGTH AND SELF-ESTEEM IN A SAMPLE SIZE OF SPANISH SCHOLARS

Pulido, J.J. et al [Spain]

MO-SH02-8

THE ANALYSIS OF TEACHER SELF-EFFICACY OF PHYSICAL EDUCATION INSTRUCTORS ACCORDING THEIR ACTING AREA <ADAPTED PHYSICAL EDUCATION; SCHOOL; FITNESS; SPORTIVE TRAINING AND LEISURE>

VENDITTI JR, R. et al [Brazil]

MO-BN03 BM Cyclic Sports

LECTURE ROOM: G109

Chair(s):

Truijens, M. [Netherlands]

MO-BN03-1

TRACTION FORCE AND HEART RATE DURING TETHERED SWIMMING USING 2 DIFFERENT PROTOCOLS

Lampadari, V. et al [Greece]

MO-BN03-2

JOINT-SPECIFIC POWER CONTRIBUTION AT INCREASING DOUBLE POLING INTENSITIES

Danielsen, J. et al [Norway]

MO-BN03-3

THE EFFECT OF CARBON INSOLES ON LEFT AND RIGHT BALANCE IN CYCLING

Koch, M. et al [Germany]

MO-BN03-4

THE EFFECT OF CADENCE ON HIP, KNEE AND ANKLE CONTRIBUTION DURING CYCLING EXERCISE.

Skovereng, K. et al [Norway]

MO-BN03-5

THE EFFECT OF SEAT TYPE ON KINEMATICS DURING MAXIMAL KAYAK ERGOMETER PADDLING

Willmott, A.P. et al [United Kingdom]

MO-BN03-6

A NOVEL APPROACH OF MEASURING FORCE TRANSMISSION AND EFFICIENCY OVER KNEE JOINT IN CYCLING-CASE STUDY

Dordevic, S. et al [Slovenia]

MO-BN03-7

REAL-TIME VISUAL FEEDBACK ABOUT OAR FORCE AND POSITION HELPS TO ADAPT ROWING TECHNIQUE

Scholtens, E.J. et al [Netherlands]

MO-BN03-8

THE DIFFERENCE OF THE KICK START MOVEMENT IN COMPETITIVE SWIMMING BY SKILL LEVEL

Keita, A. et al [Japan]

MO-BN03-9

COMPARISON OF TWO METHODS OF ESTIMATING THE ACTIVE DRAG OF ELITE FREESTYLE PARASWIMMERS

Oh, Y.T. et al [United Kingdom]

MO-BN03-10

RELATIONSHIPS OF FREESTYLE SWIMMING PERFORMANCE WITH STRENGTH AND ANAEROBIC POWER-CAPACITY

Akdogan, E. et al [Turkey]

MO-SH03 Athletes & Achievements

LECTURE ROOM: G110

Chair(s):

Vanlandewijck, Y. [Belgium]

Elferink-Gemser, M. [Netherlands]

MO-SH03-1

THE SWEDISH SPORTS FEDERATIONS' DEPICTIONS OF THE ECONOMIC CONDITIONS OF ATHLETES

Hellborg, A. [Sweden]

MO-SH03-2

STRUCTURE OF SPORT SCIENCE IN EUROPE: PRELIMINARY RESULTS OF A "SCIENCE STUDIES" RESEARCH PROJECT

Camy, J. [France]

MO-SH03-3

UNDERSTANDING STUDENT-ATHLETE'S FLUNKED EXPERIENCE.

SoRa, K. et al [Korea, South]

MO-SH03-4

TALENT IDENTIFICATION AMONG FEMALE SOCCER PLAYERS TO NATIONAL YOUTH TEAMS AND PLAYER ION TO A-NATIONAL TEAM

Rafoss, K. et al [Norway]

MO-SH03-5

DEVELOPMENT PLAN OF ATHLETES, SWIMMERS, AND GYMNASTS IN KOREA

Nam, Y. [Korea, South]

MO-SH03-6

THE ACADEMIZATION OF SPORT IN SWEDEN

Wirén Aakesson, J. [Sweden]

MO-SH03-7

SECOND CAREER DEVELOPMENT OF RETIRED ELITE ATHLETES IN HONG KONG

Sum, K. et al [Hong Kong]

Mini-Oral Presentations

Wednesday, July 2nd, 2014

14:00 - 15:00 Slot B

MO-PM12 PH Resistance Exercise

LECTURE ROOM: AUDITORIUM

Chair(s):

Cocks, M. [United Kingdom]

Blazevich, A. [Australia]

MO-PM12-1

LOWER SATELLITE CELL CONTENT PARTLY EXPLAINS BLUNTED HYPERTROPHIC RESPONSE IN OLD MICE, BUT IS NOT ALLEVIATED BY RESVERATROL
Ballak, S. et al [United Kingdom]

MO-PM12-2

PREVALENCE OF SARCOPENIA AND IMPACT OF RESISTIVE EXERCISE IN A FULLY INDEPENDENT ELDERLY POPULATION
Longo, S. et al [Italy]

MO-PM12-3

O₂ PULSE DURING SINGLE SET VS. MULTIPLE-SET RESISTANCE EXERCISE
Mookerjee, S. [United States]

MO-PM12-4

EFFECT OF A SHORT DURATION HIGH INTENSITY/ LOW VOLUME RESISTANCE TRAINING ON SKELETAL MRNA IN YOUNG HEALTHY SUBJECTS.
Paoli, A. et al [Italy]

MO-PM12-5

CHANGES IN MUSCLE ACTIVATION DURING 72 HOURS FOLLOWING AN ACUTE PLYOMETRIC BOUT
Mavropalias, G. et al [Sweden]

MO-PM12-6

FUNCTIONAL AND ARCHITECTURAL ADAPTATIONS OF SKELETAL MUSCLE TO A 6 WEEKS PLYOMETRIC TRAINING INTERVENTION IN YOUNG AND OLDER MEN
Carter, A.W. et al [United Kingdom]

MO-PM12-7

LACTATE AND RPE IN RESISTANCE TRAINING
Brown, N. et al [Germany]

MO-PM12-8

ESTABLISHING EQUIVALENT TRAINING INTENSITIES FOR ISOMETRIC BILATERAL-LEG AND HANDGRIP EXERCISE USING THE CATEGORY RATIO SCALE
Baross, A.W. et al [United Kingdom]

MO-PM12-9

BIOLOGICAL FEATURES RELATED TO FORCE-VELOCITY MECHANICAL PROFILE.
Rodríguez Juan, J.J. et al [Spain]

MO-PM13 TT Clinical 1

LECTURE ROOM: FORUM

Chair(s):

Frencken, W. [Netherlands]

MO-PM13-1

OPTIMIZING PATIENT SELECTION FOR CARDIAC RESYNCHRONIZATION THERAPY THROUGH CARDIOPULMONARY EXERCISE TESTING
Pinto, R. et al [Portugal]

MO-PM13-2

A NEW FIELD TEST PROTOCOL FOR PHYSICAL PERFORMANCE OF WHEELCHAIR BASKETBALL
de Laat, B. et al [Netherlands]

MO-PM13-3

VARIABILITY OF 3 D GROUND REACTION FORCES DURING SELF-PACED WALKING ON THE DUAL-BELT TREADMILL
Funato, K. et al [Japan]

MO-PM13-4

EFFECTS OF INTENSIVE WHOLE-BODY-VIBRATION TRAINING ON PHYSICAL PERFORMANCE IN ADULTS WITH PARALYSIS: PILOT-STUDY
Yoon, J. et al [Japan]

MO-PM13-5

THE EFFECTS OF KINESIO TAPING ON PAIN, FUNCTION, GAIT AND NEUROMUSCULAR CONTROL IN PATIENTS WITH KNEE OSTEOARTHRITIS: A RANDOMIZED, PLACEBO-CONTROLLED STUDY
Rahlf, A.L. et al [Germany]

MO-PM13-6

CLINICAL IMPACT OF VOLUME BASED RESPIRATORY TRAINING
Dankova, P. et al [Czech Republic]

MO-PM13-7

ASSOCIATION BETWEEN RATE OF TORQUE DEVELOPMENT AND GAIT SPEED IN AMBULATORY POST-STROKE PATIENTS
Shimose, R. et al [Japan]

MO-PM13-8

MOTOR ABILITY AFTER ISCHEMIC STROKE
Yoshida, H.M. et al [Brazil]

MO-PM14 PH Fatigue

LECTURE ROOM: E102

Chair(s):

de Haan, A. [Netherlands]

Klass, M. [Belgium]

MO-PM14-1

EFFECTS OF PRIOR EXERCISE ABOVE CRITICAL POWER ON MUSCLE FATIGUE
Helal, L.C.A.S. et al [Brazil]

MO-PM14-2

EFFECT OF MUSCLE-DAMAGING ECCENTRIC EXERCISE WITH REDUCED MUSCLE GLYCOGEN ON PLASMA INTERLEUKIN-6 AND NEUROMUSCULAR FUNCTION
Willems, M.E.T. et al [United Kingdom]

MO-PM14-3

INFLUENCE OF VOLUNTARY HYPERVENTILATION DURING HYPOXIA ON EXECUTIVE FUNCTION AND PREFRONTAL CORTICAL ACTIVITY: AN EXPERIMENTAL MODEL FOR HYPOXIA CENTRAL FATIGUE WITH EXERCISE
Genta, O. et al [Japan]

MO-PM14-4

BIOLOGICAL, PERCEPTUAL AND NEUROMUSCULAR RESPONSES TO AN INTERNATIONAL JUNIOR RUGBY UNION MATCH: HOW ARE THEY RELATED TO MATCH ACTIVITY?
Lacome, M. et al [France]

MO-PM14-5

THE IMPACT OF AEROBIC FITNESS STATUS ON THE PHYSIOLOGICAL RESPONSES TO INCREMENTAL RAMP EXERCISE
Boone, J. et al [Belgium]

MO-PM14-6

THE EFFECT OF A SIX-WEEK WHOLE BODY VIBRATION TRAINING PROTOCOL ON THE PHYSICAL CAPACITIES AND FATIGABILITY OF OVERWEIGHT

WOMEN

Serresse, S. et al [Canada]

MO-PM14-7

CHANGES IN MUSCLE HARDNESS ASSESSED BY ULTRASOUND ELASTOGRAPHY AFTER REPEATED ECCENTRIC EXERCISE
Lau, W.Y. et al [Australia]

MO-BN04 BM Balance & Stability

LECTURE ROOM: G102

Chair(s):

van Dieën, J. [Netherlands]

Baca, A. [Austria]

MO-BN04-1

THE AGE DIFFERENCE ON THE RELIABILITY WHILE MEASURING POSTURAL SWAY WITH QUIET STANDING
Lo, P.Y. et al [Taiwan]

MO-BN04-2

THE COMPARISON OF BALANCE ABILITIES OF NOVICE, MID-LEVEL AND ELITE ARCHERS DURING ARROW SHOOTING
Yenigelen Simsek, D. [Turkey]

MO-BN04-3

A DANCING INTERVENTION IMPROVES LOCAL DYNAMIC STABILITY IN ELDERLY INDIVIDUALS
Hamacher, D. et al [Germany]

MO-BN04-4

THE BOUNDING LIMITS OF CENTER-OF-PRESSURE VELOCITY AS A HALLMARK FEATURE OF CHANGES IN CONTROL POSTURAL STRATEGIES IN OLDER HEMODIALYSIS PATIENTS
Deschamps, T. et al [France]

MO-BN04-5

TRUNK STABILITY, MUSCULAR FITNESS AND SPORT PERFORMANCE LEVEL IN COMPETITIVE JUDOKAS
López Valenciano, A. et al [Spain]

MO-BN04-6

EFFECT OF SPORT SPECIALIZATION IN JUDO AND KAYAK ON TRUNK STABILITY
Barbado, D. et al [Spain]

MO-BN04-7

INVESTIGATION OF SUBJECT INDEPENDENT MOVEMENT PARAMETERS IN PROFESSIONAL

POOL BILLIARD

Kornfeind, P. et al [Austria]

MO-BN04-8

NEUROMUSCULAR AND KINEMATIC BEHAVIOUR IN RESPONSE TO EXTERNALLY APPLIED PERTURBATION – EFFECT OF DIRECTION, AMPLITUDE AND VELOCITY
Freyler, K. et al [Germany]

MO-BN04-9

EFFECTS OF AGE ON INHIBITION AND FACILITATION IN THE PRIMARY MOTOR CORTEX <M1> DURING STANDING
Négyesi, J. et al [Hungary]

MO-PM15 Molecular Biology & Endurance

LECTURE ROOM: G103

Chair(s):

Jaspers, R. [Netherlands]

Wackerhage, H. [United Kingdom]

MO-PM15-1

PROLYL HYDROXYLASE DOMAIN 2 DEFICIENCY INDUCES MUSCLE FIBER TYPE CONVERSION
Shin, J.C. et al [Japan]

MO-PM15-2

DOES STABILIZED HYPOXIC RESPONSE FAVOR THE EFFECT OF ENDURANCE TRAINING?
Nunomiya, A. et al [Japan]

MO-PM15-3

ENDURANCE TRAINING REDUCES HIGH-FAT DIET-INDUCED UP-REGULATION OF APOPTOTIC SIGNALING IN VISCERAL ADIPOSE TISSUE FROM OBESE ANIMALS
Rocha Rodrigues, S. et al [Portugal]

MO-PM15-4

EFFECTS OF CYCLING AND SMALL-SIDED GAMES ON PROTEIN CONTENT AND MRNA EXPRESSION ASSOCIATED WITH PH REGULATION
Bishop, D. et al [Australia]

MO-PM15-5

ENDURANCE TRAINING MITIGATES MITOCHONDRIAL ALTERATIONS-INDUCED BY A HIGH-FAT DIET IN VISCERAL ADIPOSE TISSUE
Beleza, J. et al [Portugal]

MO-PM15-6

THE EFFECT OF AEROBIC EXERCISE ON LIPOTOXICITY-INDUCED SKELETAL MUSCLE DAMAGE IN RAT
Park, J. et al [Korea, South]

MO-PM15-7

THE EFFECT OF ENDURANCE EXERCISE ON ENOS EXPRESSION IN ATHLETES
Drozdovska, S. et al [Ukraine]

MO-PM15-8

CIRCULATING MICRORNAS AFTER HIGH INTENSITY INTERVAL AND CONTINUOUS EXERCISE IN CHILDREN
Kilian, Y. et al [Germany]

MO-SH04 Psychology of Team Performance

LECTURE ROOM: G104

Chair(s):

Kriemler, S. [Switzerland]

MO-SH04-1

THE EFFECT OF A 4-WEEK STATE TEAM HITTING TRAINING SCHEDULE ON SOFTBALL HITTING MECHANICS AND ITS INFLUENCE ON FEAR AND COMPETENCE
Walsh, A. et al [Australia]

MO-SH04-2

HOW ENTITATIVITY AND TEAM IDENTIFICATION AFFECTS PERCEPTION OF TEAM MEMBERS COMPETENCE
Guraj, K. [Poland]

MO-SH04-3

THE EFFECTS OF A BRIEF HYPNOSIS INTERVENTION ON SELF-CONFIDENCE IN PROFESSIONAL TEAM HANDBALL PLAYERS
Rathsclag, M. et al [Germany]

MO-SH04-4

PROBLEM SOLVING APPROACHES OF HIGH SCHOOL STUDENTS EXERCISING REGULARLY IN SPORT TEAMS
Senduran, F. et al [Turkey]

MO-SH04-5

SPORT COMMITMENT AND PARTICIPATION IN MASTERS SWIMMERS: THE INFLUENCE OF COACH AND TEAMMATES
Santi, G. et al [Italy]

MO-SH04-6

HOW DO TEAM SPORTS COACHES DEBRIEF THEIR PLAYERS IN ELITE SPORTS?
Macquet, A.C. et al [France]

MO-SH04-7

SPORT COMMENTARY EFFECTS ON SPECTATORS' VIEWS OF WHO WINS
Myers, T. et al [United Kingdom]

MO-SH04-8

A STUDY ON THE RESORCEFULNESS LEVEL OF TEACHER CANDIDATES WHO HAVE BEEN STUDYING IN PHYSICAL EDUCATION AND SPORTS COLLEGE
Nergiz, S. et al [Turkey]

MO-SH05 Physical Education & Sociology

LECTURE ROOM: G105

Chair(s):

Roelands, B. [Belgium]

MO-SH05-1

PRE- AND POST-SEASON PERSONAL AND CONTEXTUAL FACTORS IN YOUTH SOCCER
Santos, A.J. et al [Portugal]

MO-SH05-2

THE GROUP COMPOSITION PROBLEM IN PHYSICAL EDUCATION.
Bom, L. et al [Portugal]

MO-SH05-3

PHYSICAL EDUCATION PARTICIPATION AND LEISURE-TIME PHYSICAL ACTIVITY INFLUENCED BY PE TEACHERS, FAMILY AND FRIENDS: PERCEIVED AUTONOMY SUPPORT SCALE IN EXERCISE SETTING <PASSES>
Soos, I. et al [United Kingdom]

MO-SH05-4

SPORT SOCIALISATION IN A DIGITAL AGE: SPORT GAMES AND SPORT IDENTITY
Pot, N. et al [Netherlands]

MO-SH05-5

ACTIVE WORKSTATIONS TO FIGHT SEDENTARY BEHAVIOUR: A SYSTEMATIC REVIEW
Torbeyns, T. et al [Belgium]

MO-PM16 TT Soccer

LECTURE ROOM: G106

Chair(s):

Zamparo, P. [Italy]

MO-PM16-1

RELATIONSHIP BETWEEN BODY COMPOSITION AND ANAEROBIC PERFORMANCE IN YOUNG BRAZILIAN SOCCER PLAYERS
Sousa, S. et al [Brazil]

MO-PM16-2

SPEED AND POWER ABILITIES OF YOUNG GERMAN SOCCER TALENTS RECRUITED FOR NATIONAL DEVELOPMENT TRAINING CENTER
Reer, R. et al [Germany]

MO-PM16-3

ANALYSIS OF YO-YO INTERMITTENT RECOVERY TEST, FUNCTIONAL MOVEMENT AND BODY COMPOSITION IN ELITE-LEVEL MALE PROFESSIONAL FOOTBALL PLAYERS
Zalai, D. et al [Hungary]

MO-PM16-4

FUNCTIONAL MOVEMENT SCREEN TEST DURING A SOCCER GAME IN YOUNG PLAYERS
Cavaggioni, L. et al [Italy]

MO-PM16-5

EFFECTS OF TRAINING IN INTERMEDIATE ALTITUDE BY TWO NATIONAL U20 CONCACAF SOCCER TEAMS
Ventura Franco, P. [Mexico]

MO-PM16-6

AEROBIC WORK CAPACITIES ON 12 MIN RUNNING TEST AND YO-YO INTERMITTENT RECOVERY TESTS IN COLLEGIATE MALE SOCCER PLAYERS.
Teshima, T. et al [Japan]

MO-BN05 Neuromuscular Performance

LECTURE ROOM: G107

Chair(s):

Linnamo, V. [Finland]

Ando, S. [Japan]

MO-BN05-1

JOINT POWER CONTRIBUTION DURING JUMPING AND SIDECUTTING IN YOUNG FEMALE ELITE

HANDBALL PLAYERS

Bencke, J. et al [Denmark]

MO-BN05-2

HEART RATE VARIABILITY PERFORM AFTER AN EXERCISE OF POWER WITH MUSCULAR OPTIMAL LOAD
Bermejo, J.L. et al [Spain]

MO-BN05-3

FUNCTIONAL PLASTICITY MECANISMS OF SPINAL CIRCUITRY OF LUMBOSACRAL ENLARGEMENT IN ATHLETES
Andriyanova, E. et al [Russia]

MO-BN05-4

BRAIN-DERIVED NEUROTROPHIC FACTOR CONCENTRATIONS AFTER EXERCISE IN WHEELCHAIR RUGBY ATHLETES
Zeller, S. et al [Germany]

MO-PM17 TT Endurance Exercise 1

LECTURE ROOM: E103

Chair(s):

Boreham, C. [Ireland]

Bailey, S. [United Kingdom]

MO-PM17-1

PHYSIOLOGICAL AND BIOMECHANICAL EFFECTS OF AN ULTRA-LONG MOUNTAIN BIKE RACE OF 4600KM: A CASE STUDY
MORIO, C. et al [France]

MO-PM17-2

INFLUENCE OF HYPEROXIA IN THE RECOVERY DURING DOUBLE POLING INTERVALS.
Zinner, C. et al [Sweden]

MO-PM17-3

URINARY STEROID PROFILE ANALYSIS IN IRON-MAN TRIATHLETES
Olcina, G. et al [Spain]

MO-PM17-4

RELATIONSHIP BETWEEN AEROBIC AND ANAEROBIC CAPACITY AND CYCLING TIME TRIALS
Schwindling, S. et al [Germany]

MO-PM17-5

DETERMINANTS OF TIME TRIAL PERFORMANCE IN TRAINED CYCLISTS
van der Zwaard, S. et al [Netherlands]

MO-PM17-6

EFFECTS OF MATCHED VOLUME HIGH-INTENSITY INTERVAL TRAINING ON AEROBIC CAPACITY AND METABOLIC RESPONSES IN ACTIVE MEN
Lee, C.L. et al [Taiwan]

MO-PM17-7

ANALYSIS OF ENDURANCE TRAINING ON SELECTED BLOOD VALUES IN ADOLESCENTS REQUIRING DIALYSIS
Thys, S. et al [Germany]

MO-PM18 SM Epidemiology

LECTURE ROOM: E104

Chair(s):

Mattsson, C. [Sweden]

MO-PM18-1

INCIDENCE AND PREVALENCE OF RUNNING-RELATED INJURIES IN TRAIL-RUNNERS
Hespanhol Junior, L.C. et al [Netherlands]

MO-PM18-2

A FEASIBILITY STUDY DESIGN FOR THE PREVENTION OF LOWER LIMB INJURIES IN PETE STUDENTS FOLLOWING RE-AIM
Goossens, L. et al [Belgium]

MO-PM18-3

INJURIES IN GERMAN ELITE MEN'S SOCCER – NO PAIN MORE GAIN!
Klein, C. et al [Germany]

MO-PM18-4

THE EPIDEMIOLOGY OF TABLE TENNIS INJURIES VIA I.R.I SPORT MEDICINE FEDERATION INJURY SURVEILLANCE SYSTEM OVER THREE YEARS.
Moradi Shahpar, F. et al [Iran]

MO-PM18-5

APPRECIATION ORIENTED OPTIMIZATION OF AN INTRINSIC INTERVENTION FOR INJURY PREVENTION IN PHYSICAL EDUCATION TEACHERS
Vercruysse, S. et al [Belgium]

MO-PM18-6

CIRCUMSTANCE OF INJURY OF CONCUSSION IN HIGH SCHOOL RUGBY PLAYER
Otomo, M. et al [Japan]

MO-PM18-7

INCIDENCE AND CAUSES OF INJURIES AMONG WRESTLERS IN KOSOVO A 1-YEAR PROSPECTIVE

Mini-Oral Presentations

STUDY
Haxhiu, B. et al [Kosovo]

MO-PM19 TT Strength Training

LECTURE ROOM: E105-106
Chair(s):
Nosaka, K. [Australia]
Raastad, T. [Norway]

MO-PM19-1
EFFECTS OF CONCURRENT ENDURANCE AND CIRCUIT RESISTANCE TRAINING SEQUENCE ON AEROBIC AND ANAEROBIC POWER
MANIAZHAGU, D. [India]

MO-PM19-2
ACUTE EFFECT OF LOCAL VIBRATORY TRAINING ON BENCH PRESS PERFORMANCE
Timon, R. et al [Spain]

MO-PM19-3
EFFECTS OF PLYOMETRIC AND SPRINT TRAINING ON PHYSICAL AND TECHNICAL SKILL PERFORMANCE IN PUBERTAL SOCCER PLAYERS
Ferrete Caceres, C. et al [Spain]

MO-PM19-4
EFFECTS OF TWO DIFFERENT STRENGTH CIRCUIT SCHEMES ON MAXIMAL STRENGTH OF NORMAL TRAINED PEOPLE
Kreuzpointner, F. et al [Germany]

MO-PM19-5
EFFECTS OF FULL AND PARTIAL RANGE OF MOTION TRAINING ON STRENGTH, POWER, AND BODY COMPOSITION CHANGES IN UNTRAINED MEN
Liu, G.L. et al [Taiwan]

MO-PM19-6
ACUTE MUSCLE DAMAGE DIFFERENCES BETWEEN LOW- AND HIGH-VOLUME IN STRENGTH EXERCISE
Pinto, M.D. et al [Brazil]

MO-PM19-7
OPTIMISATION OF STRENGTH TRAINING IN PRE-COMPETITION PERIOD IN ELITE FEMALE WRESTLERS
Iliev, I. et al [Bulgaria]

MO-PM20 Thermoregulation 2

LECTURE ROOM: E107
Chair(s):
Levels, K. [Netherlands]
Kenney, W. [United States]

MO-PM20-1
THE EFFECTS OF CRASHED ICE INGESTION FOR ENDURANCE CYCLING PERFORMANCE IN HEAT ENVIRONMENT
Naito, T. [Japan]

MO-PM20-2
THE EFFECT OF ENVIRONMENTAL TEMPERATURE ON TIME MOTION CHARACTERISTICS OF SOCCER PLAYERS IN THE AUSTRALIAN A LEAGUE
Janse de Jonge, X. et al [Australia]

MO-PM20-3
WHAT HAPPENS IN THE BRAIN DURING RECOVERY FROM EXHAUSTIVE CYCLING IN THE HEAT?
De Pauw, K. et al [Belgium]

MO-PM20-4
THE EFFECT OF GLUTAMINE ON INTESTINAL HEAT SHOCK PROTEIN-72 EXPRESSION AND INTESTINAL PERMEABILITY FOLLOWING EXHAUSTIVE RUNNING
Ong, M.L.Y. et al [Australia]

MO-PM20-5
CHANGES OF URINE VOLUME AND SUBJECTIVE MICTURITION DURING AQUABICS
WADA, T. et al [Japan]

MO-PM20-6
ICE SLURRY INGESTION REDUCES FACIAL SKIN TEMPERATURES IN A WARM ENVIRONMENT.
Sumire, O. et al [Japan]

MO-PM20-7
EFFECTS OF EXERCISE IN THE MORNING ON EXERCISE PERFORMANCE IN THE EVENING
NISHIMURA, K. et al [Japan]

MO-PM20-8
PHYSIOLOGICAL RESPONSES TO COLD WATER IMMERSION APNEA AFTER SHORT INTENSIVE EXERCISE
Konstantinidou, S. et al [Greece]

MO-PM21 HF Physical Activity in Children 2

LECTURE ROOM: E108
Chair(s):
McKay, H. [Canada]
Wilders, C. [South Africa]

MO-PM21-1
PROJECT PANK: RATIONALE, DESIGN AND BASELINE RESULTS OF A MULTIDISCIPLINARY SCHOOL-BASED INTERVENTION IN CHILDREN WITH CARDIOVASCULAR AND METABOLIC RISK FACTORS. A RANDOMIZED CONTROLLED TRIAL.
Batalau, R. et al [Portugal]

MO-PM21-2
MAY BE USED THE WHOLE BODY BIOIMPEDANCE METHOD LIKE A TOOL FOR AN ASSESSMENT OF CHILDREN'S OVERWEIGHT AND OBESITY?
Bunc, V. et al [Czech Republic]

MO-PM21-3
LONGITUDINAL STUDY ON THE EFFECTS OF SPORTS CLUB PARTICIPATION IN YOUNG CHILDREN ON BMI, COGNITIVE AND MOTOR PERFORMANCE
Augste, C. [Germany]

MO-PM21-4
EFFECTS OF SCHOOL-BASED EXERCISE AND NUTRITION PROGRAM ON OBESITY PREVALENCE AND BODY FAT IN OVERWEIGHT CHILDREN
Coelho, E. et al [Portugal]

MO-PM21-5
COMPLIANCE OF DAILY PHYSICAL ACTIVITY RECOMMENDATIONS AND ABDOMINAL OBESITY IN PRESCHOOL CHILDREN
Silva dos Santos, S. et al [Portugal]

MO-PM21-6
THE PHYSIOLOGICAL RESPONSE OF SPORT CLIMBING IN CHILDREN
Panackova, M. et al [Czech Republic]

MO-PM21-7
BODY COMPOSITION CHANGES OVER SECONDARY SCHOOL ON FEMALE ADOLESCENTS
Bezerra, P. et al [Portugal]

MO-PM21-8
INFLUENCE OF SCREEN-RELATED BEHAVIOR ON MOTOR DEVELOPMENT OF ADOLESCENTS - A

LONGITUDINAL STUDY
Albrecht, C. et al [Germany]

MO-PM21-9
EVALUATION OF THE IMPACT OF SMOKEFREE SPORTS - A NOVEL PHYSICAL ACTIVITY INTERVENTION TO PREVENT SMOKING IN 9-10 YEAR OLD CHILDREN
Fowweather, L. et al [United Kingdom]

MO-SH06 Sportmarketing & Consumersatisfaction

LECTURE ROOM: G108
Chair(s):
Daanen, H. [Netherlands]
Radmann, A. [Sweden]

MO-SH06-1
THE QUALITY PERCEPTION OF 2012 WORLD INDOOR ATHLETICS CHAMPIONSHIPS
Şimşek, K. [Turkey]

MO-SH06-2
THE TURKISH ADAPTATION OF RECREATIVE CONSUMER'S SATISFACTION SCALE
Şimşek, K.Y. et al [Turkey]

MO-SH06-3
THE VALIDITY AND RELIABILITY STUDY OF THE SCALE OF SERVICE QUALITY IN RECREATIONAL SPORT
Çevik, H. et al [Turkey]

MO-SH06-4
DETERMINING THE CONSUMER'S SATISFACTION LEVEL IN THE FACILITIES WHERE LEISURE ACTIVITIES ARE ARRANGED IN PUBLIC CORPORATION: ESKİşEHİR MUNICIPALITY SAMPLE
Şimşek, K.Y. et al [Turkey]

MO-SH06-5
BRAND LOYALTY AND SPORTS PRODUCTS BRAND PREFERENCES OF STUDENTS ATTENDING
Gumus, N. et al [Turkey]

MO-SH06-6
RELATIONSHIP QUALITY DIMENSIONS BETWEEN SOCCER CLUBS AND FANS
Kose, H. et al [Turkey]

MO-BN06 Physical Education, Motor Skills & Dance

LECTURE ROOM: G109
Chair(s):
Chin A Paw, M. [Netherlands]

MO-BN06-1
AN INTERVENTION TO INCREASE FUNDAMENTAL MOVEMENT SKILL <FMS> MASTERY IN PRIMARY SCHOOL CHILDREN.
Bryant, E. et al [United Kingdom]

MO-BN06-2
FUNDAMENTAL MOTOR SKILL PROFICIENCY OF SINGAPOREAN CHILDREN AT LOWER PRIMARY SCHOOL LEVEL
Mukherjee, S. et al [Singapore]

MO-BN06-3
RELIABILITY OF MABC-2 FOR PRESCHOOL CHILDREN
Serbetar, I. et al [Croatia]

MO-BN06-4
MOTOR COORDINATION, BODY MASS INDEX, AND SPORT PARTICIPATION IN 6-11 YEARS OLD CHILDREN
Giuriato, M. et al [Italy]

MO-BN06-5
MOTOR FITNESS SCORES AND CORRELATES OF MOTOR FITNESS IN PRIMARY SCHOOL CHILDREN IN THE NETHERLANDS
Collard, D. et al [Netherlands]

MO-BN06-6
EVALUATION OF MOTOR SKILLS TRAINING IN PHYSICAL EDUCATION; RESEARCH RESULTS IN THE SWEDISH BUNKEFLO PROJECT
Ericsson, I. [Sweden]

MO-BN06-7
THE SELF IMAGE. COMPARISON OF YOUNG, PARENT AND OBJECTIVE REALITY
Lucchetti, C. et al [Italy]

MO-BN06-8
A METHOD TO INDICATE THE VALUE OF DANCE IN THE EDUCATION CONTENT OF PHYSICAL EDUCATION: A COMPARISON BETWEEN JAPAN AND KOREA
Park, K. et al [Japan]

MO-BN06-9

IMPLEMENTATION AND STAGING FROM THE PERSPECTIVE OF OBSERVING MOVEMENT, AS INTERPRETED FROM DANCE TEACHERS' LANGUAGE
Yamazaki, A. et al [Japan]

MO-SH07 Sport & Motivation

LECTURE ROOM: G110

Chair(s):

Quist, M. [Denmark]

Elferink-Gemser, M. [Netherlands]

MO-SH07-1

USING DIFFERENT INDICES OF CHANGE TO UNDERSTAND ACHIEVEMENT MOTIVATION IN PHYSICAL EDUCATION

Warburton, V.E. et al [United Kingdom]

MO-SH07-2

GOAL ORIENTATION, INTRINSIC MOTIVATION AND EXERTED EFFORT

Mehus, I. et al [Norway]

MO-SH07-3

IS STRESS A POTENTIAL MECHANISM IN A MOTIVATIONAL FIT-SITUATION?

Schwab, S. [Germany]

MO-SH07-4

ANALYZING THE CORRELATION OF MOTIVATIONAL CLIMATE AND ACHIEVEMENT GOALS OF AMATEUR FOOTBALL PLAYERS

Bal, E. et al [Turkey]

MO-SH07-5

THE DEVELOPMENT OF SELF-REGULATORY SKILLS IN YOUTH: THE SIGNIFICANCE OF SPORTS AND ACADEMICS

Jonker, L. et al [Netherlands]

MO-SH07-6

CONGRUENCE BETWEEN COACH AND ATHLETE PERCEPTIONS OF AUTONOMY SUPPORT AND GOAL STRUCTURE ACROSS TRAINING AND COMPETITION IN INDIVIDUAL AND TEAM SPORTS

van de Pol, P. et al [Netherlands]

MO-SH07-7

PROMOTING WELL-BEING AND A HEALTHY LIFESTYLE THROUGH SATISFACTION OF BASIC PSYCHOLOGICAL NEEDS IN YOUTH FOOTBALL: A LONGITUDINAL STUDY

Fabra, P. et al [Spain]

MO-SH07-8

IMPORTANCE AND RELATIONSHIP BETWEEN THE BASIC PSYCHOLOGICAL NEEDS AND THE "REFLECTION" IN ELITE ACADEMY SOCCER PLAYERS

Chamorro, J.L. et al [Spain]

MO-SH07-9

ESC PROJECT: THE INFLUENCE OF STRANGERS IN PHYSICAL ACTIVITY PROMOTION. A RANDOMIZED PILOT TRIAL

Gonçalves, R. et al [Portugal]

Mini-Oral Presentations

Thursday, July 3rd, 2014

14:00 - 15:00 Slot A

MO-PM22 Exercise & Muscle Metabolism

LECTURE ROOM: AUDITORIUM

Chair(s):

Schaffert, N. [Germany]

Helge, J. [Denmark]

MO-PM22-1 [YIA]
NON-INVASIVE ESTIMATION OF MUSCLE FIBER TYPE COMPOSITION IN SWIMMERS
Bex, T. et al [Belgium]

MO-PM22-2 [YIA]
CAN TOTAL HAEMOGLOBIN MASS BE USED IN THE PERFORMANCE PREDICTION IN ELITE ATHLETES?
Zelenkova, I. et al [Russia]

MO-PM22-3 [YIA]
RESISTANCE TRAINING INCREASES SKELETAL MUSCLE OXIDATIVE CAPACITY AND NET INTRAMUSCULAR TRIGLYCERIDE BREAKDOWN IN TYPE I AND II FIBRES OF SEDENTARY MALES
Shepherd, S. et al [United Kingdom]

MO-PM22-4 [YIA]
INHIBITION OF BRAIN GLYCOGENOLYSIS SUPPRESSES ENDURANCE PERFORMANCE: A PHYSIOLOGICAL ROLE OF BRAIN GLYCOGEN
Omuro, H. et al [Japan]

MO-PM22-5 [YIA]
CORRELATION BETWEEN SKELETAL MUSCLE LIPID CONTENT AND INSULIN SENSITIVITY IN HUMAN MALES
Kristensen, M. et al [Denmark]

MO-PM22-6 [YIA]
EFFECTS OF HABITUAL EXERCISE AND DIET RESTRICTION ON THE EXPRESSION OF HEPATIC CARNITINE PALMITOYL-COA TRANSFERASE-1 IN ZUCKER FATTY RATS
Kurosaka, Y. et al [Japan]

MO-PM22-7 [YIA]
PHYSIOLOGICAL AND PERFORMANCE RESPONSES TO 120-MINUTES OF SOCCER-SPECIFIC EXERCISE
Harper, L.D. et al [United Kingdom]

MO-PM22-8 [YIA]
RELATIVE FUNCTIONAL BUFFER CAPACITY INDICATES FATIGUE RESISTANCE DURING REPEATED SPRINTS
Mahler, H. et al [Germany]

MO-PM22-9 [YIA]
SKELETAL MUSCLE FAST MYOSIN INCREASES IN SERUM AFTER MAXIMAL CONCENTRIC-ECCENTRIC INERTIAL EXERCISE
Carmona, G. et al [Spain]

MO-PM22-10 [YIA]
IRISIN SECRETION IN RELATION TO OVARIAN HORMONE STATUS AND METABOLIC FUNCTION
Velders, M. et al [Germany]

MO-BN07 Biomechanics

LECTURE ROOM: FORUM

Chair(s):

Linnamo, V. [Finland]

Ritzmann, R. [Germany]

MO-BN07-1 [YIA]
LIGHTWEIGHT RACING SHOES IMPROVE 5-KM RUNNING PERFORMANCE, RUNNING ECONOMY AND ALTER RUNNING BIOMECHANICS IN TRAINED RUNNERS
Fuller, J. et al [Australia]

MO-BN07-2 [YIA]
EFFECTS OF DIFFERENT SURGICAL METHODS OF ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION ON KNEE JOINT FUNCTION
MA, Y.B. et al [Japan]

MO-BN07-3 [YIA]
EARLY IDENTIFICATION OF THE FALLING RISK IN PARKINSON'S DISEASE
Moreno Catalá, M. et al [Germany]

MO-BN07-4 [YIA]
NEUROMUSCULAR AND KINEMATIC ANALYSIS OF JUMPS AND LANDINGS ON STABLE AND UNSTABLE SURFACES
Prieske, O. et al [Germany]

MO-BN07-5 [YIA]
MECHANICAL AND MORPHOLOGICAL PROPERTIES OF THE GASTROCNEMIUS MEDIALIS MUSCLE TENDON UNIT AFTER ACHILLES TENDON RUPTURE
Stäudle, B. et al [Germany]

MO-BN07-6 [YIA]
PERTURBATION TRAINING ALTERS CORE STABILITY AND KNEE JOINT LOADING IN FEMALE ATHLETES DURING LATERAL MOVEMENTS
Weltin, E. et al [Germany]

MO-BN07-7 [YIA]
PACING STRATEGIES DURING REPEATED MAXIMAL VOLUNTARY CONTRACTIONS
Halperin, I. et al [Canada]

MO-BN07-8 [YIA]
CONSISTENCY OF MUSCLE SHAPE AND VALIDITY OF SHAPE-BASED VOLUME PREDICTION IN LEG MUSCLES
Mersmann, F. et al [Germany]

MO-BN07-9 [YIA]
ANKLE STRENGTH INFLUENCE ON EMG STRATEGIES DURING DYNAMIC AND STATIC ANKLE TRAINING MODALITIES
Lucas Cuevas, A.G. et al [Spain]

MO-BN07-10 [YIA]
THE RELATIONSHIP BETWEEN INTERPHALANGEAL JOINT POSITION AND THE MEDIAL LONGITUDINAL ARCH OF THE FOOT
Shiroshita, T. et al [Japan]

MO-PM23 Vascular Biology

LECTURE ROOM: EMERALD

Chair(s):

Wüst, R. [Netherlands]

Miyachi, M. [Japan]

MO-PM23-1 [YIA]
DISTINCT IMPACTS OF BLOOD FLOW AND TEMPERATURE ON CUTANEOUS MICROVASCULAR ADAPTATION
Carter, H. et al [Australia]

MO-PM23-2 [YIA]
LOCAL TEMPERATURE-SENSITIVE MECHANISMS, INDEPENDENT OF SYSTEMIC RESPONSES, MEDIATE INCREASES IN LIMB TISSUE PERFUSION IN THE RESTING AND EXERCISING HEAT-STRESSED

HUMAN
Chiesa, S.T. et al [United Kingdom]

MO-PM23-3 [YIA]
EFFECTS OF INTRAMYOCYLLULAR AND EXTRAMYOCYLLULAR LIPID CONTENTS ON ARTERIAL STIFFNESS
Hasegawa, N. et al [Japan]

MO-PM23-4 [YIA]
ANTIBACTERIAL MOUTHWASH ATTENUATES THE PHYSIOLOGICAL EFFECTS OF CHRONIC NITRATE SUPPLEMENTATION IN HUMANS
McDonagh, S. et al [United Kingdom]

MO-PM23-5 [YIA]
TAURINE SUPPLEMENTATION ATTENUATES INCREASE IN ARTERIAL STIFFNESS FOLLOWING HIGH INTENSE ECCENTRIC EXERCISE
Ra, S.G. et al [Japan]

MO-PM23-6 [YIA]
THE COMBINED EFFECTS OF ACUTE LOW-VOLUME INTERVAL TRAINING WITH POST-EXERCISE BLOOD FLOW RESTRICTION ON ANGIOGENIC GENE EXPRESSION IN TRAINED SKELETAL MUSCLE
Taylor, C.W. et al [United Kingdom]

MO-PM23-7 [YIA]
PHYSIOLOGICAL MECHANISMS IMPAIRING CARDIOVASCULAR FUNCTION AND EXERCISE CAPACITY IN THE HEAT STRESSED HUMAN: ROLE OF SKIN VERSUS BODY TEMPERATURE
Trangmar, S.J. et al [United Kingdom]

MO-PM23-8 [YIA]
ANGIOGENESIS IN ANIMAL MODELS OF EXERCISE TRAINING
Egginton, S. [United Kingdom]

MO-PM24 TT High Intensity Interval Training

LECTURE ROOM: E102

Chair(s):

Willems, M. [United Kingdom]

Draper, N. [United Kingdom]

MO-PM24-1 [YIA]
EFFECTS OF HIGH INTENSITY TRAINING ON SPECIFIC PERFORMANCE RELATED PARAMETERS IN YOUNG FEMALE BASKETBALL PLAYERS
Sperlich, P.F. et al [Germany]

MO-PM24-2 [YIA]
EFFECT OF HIGH-INTENSITY INTERVAL TRAINING ON 3-MIN ALL-OUT ROWING EXERCISE AND PERFORMANCE IN TRAINED ROWERS
Cheng, C.F. et al [Taiwan]

MO-PM24-3 [YIA]
RELIABILITY OF A NEW REPEATED SPRINT ABILITY TEST FOR YOUNG TENNIS PLAYERS
Hernández Davó, J.L. et al [Spain]

MO-PM24-4 [YIA]
INFLUENCE OF OPPOSITION STANDARD ON WORK-RATE DURING ELITE GAELIC FOOTBALL MATCH-PLAY
Collins, D.K. et al [Ireland]

MO-PM24-5 [YIA]
EFFECTS OF HIGH-INTENSITY INTERVAL TRAINING ON PERFORMANCE AND NEURAL ADAPTATIONS DURING A 2000-M RACE STIMULATION IN ROWERS
Hsu, W.C. et al [Taiwan]

MO-PM24-6 [YIA]
CROSS-COUNTRY SKIING: SPECIAL POWER+ENDURANCE HIIT-TESTING
Shishkina, A. et al [Russia]

MO-PM24-7 [YIA]
CAN A 2-WEEK BLOCK OF HIGH INTENSITY INTERVAL ENDURANCE TRAINING BOOST REGENERATION?
Bubeck, D. et al [Germany]

MO-PM24-8 [YIA]
PERSONAL MOBILE TRACKING OF RESTING AND POST-EXERCISE ENERGY EXPENDITURE REFLECTS EPOC EFFECTS FOR ENHANCED PHYSICAL TRAINING
Jackemeyer, D. et al [United States]

MO-PM24-9 [YIA]
PSYCHOLOGICAL RESPONSES TO AN ACUTE BOUT OF HIGH-INTENSITY INTERVAL AND MODERATE-INTENSITY CONTINUOUS TRAINING IN SEDENTARY WOMEN
Lin, Y.J. et al [Taiwan]

MO-BN08 Motor Control & Learning 1

LECTURE ROOM: G102

Chair(s):

Oudejans, R. [Netherlands]
Vine, S. [United Kingdom]

MO-BN08-1 [YIA]
THE TRANSFER FROM PERCEPTUAL-COGNITIVE SKILLS TRAINING OF ANTICIPATORY JUDGMENTS TO FIELD AND ANXIETY CONDITIONS IN ELITE ATHLETES
Alder, D.B. et al [United Kingdom]

MO-BN08-2 [YIA]
CONTEXTUAL INTERFERENCE AND COGNITIVE EFFORT IN PERCEPTUAL-COGNITIVE SKILLS TRAINING
Broadbent, D.P. et al [United Kingdom]

MO-BN08-3 [YIA]
EFFECTIVENESS OF SPORTS VISION TRAINING
Cordes, J. et al [Germany]

MO-BN08-4 [YIA]
CO-ACTIVATION DURING MAXIMAL AND SUB-MAXIMAL STRENGTH TESTS IN ADOLESCENTS WITH SPASTIC CEREBRAL PALSY
Eken, M.M. et al [Netherlands]

MO-BN08-5 [YIA]
MENTAL IMAGERY AND MOVEMENT OBSERVATION OF BALANCE TASKS: ACUTE EFFECTS ON BRAIN ACTIVITY AND BEHAVIORAL LONG-TERM ADAPTATIONS
Keller, M. et al [Switzerland]

MO-BN08-6 [YIA]
GAIT PARAMETERS ARE SENSITIVE TO COGNITIVE DECLINE IN OLDER ADULTS
Marusic, U. et al [Slovenia]

MO-BN08-7 [YIA]
ON-LINE VISUAL FEEDBACK PROMOTES MORE IMPLICIT ADAPTATION TO A VISUOMOTOR ROTATION THAN POST-TRIAL FEEDBACK
Schween, R. et al [Germany]

MO-BN08-8
CONTOUR ANALYSIS, A NOVEL APPROACH TO PERFORMANCE MONITORING IN MOVEMENT SCIENCE
Van der Eb, J. et al [Netherlands]

MO-BN08-9
THE INFLUENCE OF FAMILIARISATION ON VARIATION IN PERFORMANCE DURING JUMPING
Pollitt, L. et al [United Kingdom]

MO-PM25 Age-related Physiology

LECTURE ROOM: G103
Chair(s):
Nosaka, K. [Australia]
Hortobagyi, T. [Netherlands]

MO-PM25-1
ANAEROBIC POWER IN PUBERTAL FOOTBALL PLAYERS: THE DIFFERENCE BETWEEN TRAINED AND UNTRAINED SUBJECTS
Mendes, J. et al [Portugal]

MO-PM25-2
EFFECTS OF DETRAINING ON METABOLIC DEMANDS AFTER 12 WEEKS OF VIGOROUS TRAINING PROGRAM IN A RANDOMIZED GROUP OF OVER65 YRS
Migliaccio, G.M. et al [Italy]

MO-PM25-3
SOLE PARAMETERS OF 5TH GRADE CHILDREN IN NEPAL
Ueda, K. et al [Japan]

MO-PM25-4
EFFECTS OF COMBINED EXERCISE TRAINING ON SOLUBLE INFLAMMATORY MARKERS IN ELDERLY WOMEN
Jung, H.H. et al [Japan]

MO-PM25-5
NON-RECIPROCAL INHIBITION IN THE REGULATION OF THE VOLUNTARY MOVEMENT IN PERSONS OF DIFFERENT AGE
Chelnokov, A. [Russia]

MO-PM25-6
EFFECTS OF TRANSIENT CARDIOLOCOMOTOR COUPLING ON GAS EXCHANGE AND MUSCLE DEOXYGENATION DURING TREADMILL EXERCISE: A PRELIMINARY OBSERVATION IN AN ELDERLY SUBJECT
Niizeki, K. et al [Japan]

MO-PM25-7
ENDURANCE TRAINING AUGMENTS HEMATOPOIESIS IN AGED BONE MARROW
Iacono, C. et al [Canada]

MO-PM25-8
THE RATING OF PERCEIVED EXERTION IN ANAEROBIC THRESHOLD INTENSITY IS SIMILAR IN CYCLE

AND TREADMILL EXERCISE
Bertucci, D.R. et al [Brazil]

MO-SH08 Sport Statistics & Analysis 1

LECTURE ROOM: G104
Chair(s):
Baltzopoulos, B. [United Kingdom]
Sampaio, J. [Portugal]

MO-SH08-1 [YIA]
THE PERFORMANCE EFFECT OF CENTRALISING A NATION'S ELITE SWIM PROGRAMME
Allen, S.V. et al [New Zealand]

MO-SH08-2
DIFFERENT BOX SCORE STATISTICS DISTINGUISH WINS FROM LOSSES OF DIFFERENT TEAMS
Rimer, E.G. [United States]

MO-SH08-3
PASSING PLAYS LEADING TO PASSING AND DRIBBLING PLAYS IN THE 16TH FIBA WOMEN'S WORLD CHAMPIONSHIPS
Sakuragi, K. et al [Japan]

MO-SH08-4
THE IMPACT OF MATCH STATUS ON GAME RHYTHM IN NBA BASKETBALL.
Courel, J. et al [Spain]

MO-SH08-5
ANALYSIS OF DEFENSIVE GAME SITUATIONS IN TEAM HANDBALL BY MEANS OF ARTIFICIAL NEURAL NETWORKS
Schrapf, N. et al [Austria]

MO-SH08-6
PRECEDING SKILLS AND GENDER DIFFERENCES IN THE ACCURACY OF THE BASKETBALL JUMP SHOT
Arguriou, M. et al [Greece]

MO-SH08-7
THE INFLUENCE OF SCORING FROM THE NET ON GAME RESULT IN PADEL
Cañas, J. et al [Spain]

MO-SH08-8
SIDE-OUT INFLUENCE IN HIGH LEVEL VOLLEYBALL SKILLS
João, P.V. et al [Portugal]

MO-SH08-9
A TECHNICAL PERFORMANCE ANALYSIS OF SOCCER GAMES
Espinosa Sanchez, M. [Mexico]

MO-SH08-10
EXAMINING THE GENDER DIFFERENCES OF SCORING SKILLS PERFORMANCE IN HIGH LEVEL VOLLEYBALL GAMES
Chang, C. et al [Taiwan]

MO-SH09 Physical Education & Pedagogics

LECTURE ROOM: G105
Chair(s):
Eckert, K. [Germany]
Dikemüller, R. [Austria]

MO-SH09-1
THE INFLUENCE OF TEACHING BEHAVIOR OF PHYSICAL EDUCATION ON LEARNING ATTITUDE IN MIDDLE AND HIGH SCHOOL STUDENTS
Hwang, Y. et al [Korea, South]

MO-SH09-2
PUPIL PERCEPTIONS OF THE ATTRIBUTES FOR AN EFFECTIVE PHYSICAL EDUCATION TEACHER.
Cunliffe, D. et al [United Kingdom]

MO-SH09-3
THE SUBJECT OF PHYSICAL EDUCATION AND HEALTH – IN SCHOOL AND TEACHER EDUCATION
Ekberg, J. [Sweden]

MO-SH09-4
THE PATTERN OF THE CONFLICT MANAGING CULTURE OF JUNIOR CLASS FOOTBALL COACHES
Németh, Z. [Hungary]

MO-SH09-5
IDENTIFICATION OF CONFLICTS CAUSED BY STUDENTS DIAGNOSED WITH ADHD IN PHYSICAL EDUCATION: PROJECT DESIGN
LABRADOR ROCA, V. et al [Spain]

MO-SH09-6
THE SWEDISH RIDING SCHOOL – FROM A CHILD AND YOUTH PERSPECTIVE
Thorell, G. et al [Sweden]

MO-PM26 TT Small Sided Games

LECTURE ROOM: G106
Chair(s):
Lemmink, K. [Netherlands]
Wagner, H. [Austria]

MO-PM26-1
KNOWLEDGE OF BOUT DURATION INFLUENCES PACING STRATEGY DURING SMALL-SIDED GAMES
Sampson, J.A. et al [Australia]

MO-PM26-2
HEART RATE RESPONSES AND TECHNICAL DEMANDS IN FOOTBALL SMALL SIDED-GAMES TRAINING. A DESCRIPTIVE DESIGN
Beato, M. et al [Italy]

MO-PM26-3
THE INFLUENCE OF PLAYING SURFACE ON THE MOVEMENT CHARACTERISTICS OF SMALL-SIDED GAMES IN HIGHLY TRAINED PRE-PUBERTAL SOCCER PLAYERS
Fenner, J. et al [United Kingdom]

MO-PM26-4
TACTICAL BEHAVIOR DURING FOUR SMALL-SIDED FOOTBALL GAMES
Aguiar, M. et al [Portugal]

MO-PM26-5
MONITORING FATIGUE IN TRAINED SOCCER PLAYERS DURING SPECIFIC WORKOUTS
Del Aguila Ruipérez, A. et al [Spain]

MO-PM26-6
ANALYSIS OF ENERGY CONTRIBUTION DURING VARIOUS SMALL-SIDED GAMES
Oh, S. et al [Germany]

MO-PM26-7
THE DIFFERENCES IN MOVEMENT PATTERNS AND EXERCISE INTENSITY BETWEEN THE FOOTBALL REFEREE AND ASSISTANT REFEREE DURING GAMES
Hasegawa, M. et al [Japan]

MO-PM26-8
VALIDATION OF A NEW SOCCER-MOVEMENT SPECIFIC SPRINT <SMS> TEST MEASURING BOTH ACCELERATION AND CHANGE OF MULTIDIRECTIONAL SPEED
Kristoffersen, M. et al [Norway]

Mini-Oral Presentations

MO-BN09 Motor Control & Learning 2

LECTURE ROOM: G107

Chair(s):
Raab, M. [Germany]
Mann, D. [Netherlands]

MO-BN09-1
IS CHUNKING THE EXPLANATION FOR THE BENEFITS OF ANALOGY INSTRUCTIONS IN LEARNING?
Van Duijn, T. et al [Switzerland]

MO-BN09-2
CONTEXTUAL INTERFERENCE AND DIFFERENTIAL LEARNING COMPARED IN A GRIP-FORCE-REPRODUCTION TASK
Hegen, P. et al [Germany]

MO-BN09-3
OBSERVATIONAL LEARNING OF A BASEBALL PITCH: WHICH KIND OF INFORMATION IS EXTRACTED?
Ghorbani, S. et al [Germany]

MO-BN09-4
IMPLICIT MOTOR LEARNING IN YOUTH ELITE SOCCER PLAYERS
Verburgh, L. et al [Netherlands]

MO-BN09-5
EXAMINING THE ROLES OF CONSCIOUS MOTOR PROCESSING AND MOVEMENT SELF-CONSCIOUSNESS IN PERFORMANCE OF A GOLF-PUTTING TASK
Malhotra, N. et al [Hong Kong]

MO-BN09-6
VERBAL OVERSHADOWING CAUSES A PROCESSING SHIFT IN INDIVIDUALS WITH LOW BUT NOT HIGH CONSCIOUS CONTROL OF THEIR MOVEMENTS
Uiga, L. et al [Hong Kong]

MO-BN09-7
THE EFFECT OF ERRORLESS VERSUS ERRORFUL LEARNING ON GENERALIZED MOTOR PROGRAM LEARNING AND PARAMETERIZATION LEARNING
Van Ginneken, W.F. et al [Hong Kong]

MO-BN09-8
A MOBILE SYSTEM TO INVESTIGATE PUTTING KINEMATICS IN MOTOR LEARNING
Jensen, U. et al [Germany]

MO-BN09-9
THE EFFECT OF CONTEXTUAL INTERFERENCE WITH CONSTANT, INCREASING AND DECREASING VELOCITIES ON ACQUISITION, RETENTION AND TRANSFER OF COINCIDENCE ANTICIPATION TASKS
Zamani Sani, S.H. et al [Iran]

MO-PM27 TT General

LECTURE ROOM: E103

Chair(s):
Maffioletti, N. [Switzerland]
Buscà Safont-Tria, B. [Spain]

MO-PM27-1
MOTOR ABILITIES OF THE HAND IN JUDO AND KICK-BOXING ATHLETES
Karaleic, S. et al [Serbia]

MO-PM27-2
DEVELOPMENT OF AEROBIC CAPACITY IN SWIMMERS – CRITERIA FOR THE PRESCRIPTION AND CONTROL OF SETS ORIENTED TOWARDS BASIC AEROBIC INTENSITY
Cunha, P. et al [Portugal]

MO-PM27-3
TECHNICAL-TACTICAL ANALYSIS OF ELITE MALE KICKBOXING
Sanhueza Alfaro, S.P. et al [Italy]

MO-PM27-4
COMPARISON OF THE APPLIED 2 MIN MODIFIED LABORATORY TEST IN THE GYMNASTICS DISCIPLINES DURING PREPARATORY PERIOD
Gateva, M. et al [Bulgaria]

MO-PM27-5
PHYSICAL CHARACTERISTICS OF RECREATIONAL FEMALE GYMNASTS: A FOLLOW UP STUDY
Moustogiannis, A. et al [Greece]

MO-PM27-6
EXPLORING THE RELATIONSHIP BETWEEN FUNCTIONAL MOVEMENT COMPETENCE, STROKE TECHNIQUE AND COMPETITIVE SWIMMING PERFORMANCE IN BOTH ELITE AND AMATEUR SWIMMERS
Oguz, H. et al [South Africa]

MO-PM27-7
ANALYSIS OF THE ENTRY SPEED IN THE SWIMMING START
Caspani, M. et al [Italy]

MO-PM27-8
EFFECTS OF RESPIRATORY MUSCLE TRAINING IN ACUTE EXACERBATION COPD PATIENTS
Simi, H. et al [Austria]

MO-PM27-9
PHYSICAL CHARACTERISTICS OF PREPUBERTAL GIRLS INVOLVED IN RHYTHMIC GYMNASTICS TRAINING
Drivas, A. et al [Greece]

MO-PM27-10
AN EVALUATION OF BREATHING FUNCTION TESTS BY SWıMMERS AND BY ACADEMIC LEVEL BLOWING INSTRUMENT USERS
Koparan, Ş. et al [Turkey]

MO-PM28 SM Upper Body Related Activity

LECTURE ROOM: E104

Chair(s):
Sandbakk, Ø. [Norway]
Huijing, P. [Netherlands]

MO-PM28-1
THE DIFFERENCES OF MUSCLES CO-CONTRACTION AROUND THE SHOULDER AT VARIOUS POSITION AND VELOCITIES IN BASEBALL PLAYERS
Ko, H.T. et al [Taiwan]

MO-PM28-2
COMPARED TO LASER WATI CAPACITY AND THERMAL DEVICES IN THE REHABILITATION OF INJURED ELBOW <GOLFER ELBOW> AND RESTORE STRENGTH AND RANGE OF MOTION TO THE PLAYERS JAVELIN
Mohammed, W. et al [Iraq]

MO-PM28-3
TRUNK MUSCLES ACTIVITY DURING PIVOT MOVEMENT
Akie, U. et al [Japan]

MO-PM28-4
EFFECTS OF TRANSVERSE ABDOMINAL MUSCLE ACTIVITY HAS ON THE ACTIVITY OF THE ERECTOR SPINAE IN TRUNK EXTENSION
Iizuka, S. et al [Japan]

MO-PM28-5
HIP AND TRUNK NEUROMUSCULAR TRAINING TO REDUCE RISK OF ACL INJURY IN SPORT: RESPONDERS AND NON-RESPONDERS IN ELITE FEMALE TEAM SPORT ATHLETES
Weir, G.J. et al [Australia]

MO-PM29 TT Endurance Exercise 2

LECTURE ROOM: E105-106

Chair(s):
Levels, K. [Netherlands]
Racinais, S. [Qatar]

MO-PM29-1
THE EVALUATION OF RUNNING ECONOMY IN ABOVE LT INTENSITY RUNNING
Tanji, F. et al [Japan]

MO-PM29-2
SPRINT ORIENTEERING: TEST RUNNING ON AN INDOOR COURSE, IN THE FIELD AND IN THE LABORATORY
Gullstrand, L. et al [Sweden]

MO-PM29-3
SIMILAR RELATIVE AEROBIC CONTRIBUTION IN HIGH INTENSITY RUNNING AND CYCLING
Li, Y. et al [Germany]

MO-PM29-4
PHYSIOLOGICAL FACTORS AFFECTING PERFORMANCE IN ROWING
Miller, T.F. et al [Russia]

MO-PM29-5
PERFORMANCE CHANGES IN ROWERS AFTER TRAINING AIMING FOR IMPROVEMENT OF THE INDIVIDUAL PHYSIOLOGICAL PROFILE ESTIMATED BY FIVE PERFORMANCE TRIALS IN FOUR DAYS
Jensen, K. et al [Denmark]

MO-PM29-6
EFFECTS OF RUNNING ECONOMY ON PACING STRATEGY IN A 10-KM RACE
Do Carmo, E. et al [Brazil]

MO-PM29-7
ASSESSMENT OF PHYSICAL PREPAREDNESS LEVELS IN CROSSFITTERS
Volkov, V. et al [Russia]

MO-PM29-8
REPEATED SPRINT TRAINING IN HYPOXIA DOES NOT INFLUENCE MUCOSAL IMMUNE FUNCTION TO A GREATER EXTENT THAN IN NORMOXIA
Born, D.P. et al [Germany]

MO-PM29-9
MUSCLE DAMAGE AND STRENGTH LOSS AFTER A CONTINUOUS AND INTERMITTENT RUNNING UNTIL EXHAUSTION
Dittrich, N. et al [Brazil]

MO-PM29-10
MEASUREMENT ACCURACY OF GAS EXCHANGE PARAMETERS FROM TWO SPIROERGOMETRIC SYSTEMS
Potreck, H. et al [Germany]

MO-PM30 Health & Fitness

LECTURE ROOM: E107

Chair(s):
van der Ploeg, H. [Netherlands]
McNarry, M. [United Kingdom]

MO-PM30-1
CARDIORESPIRATORY FITNESS IN INDIVIDUALS WITH INTELLECTUAL DISABILITIES
Oppewal, A. et al [Netherlands]

MO-PM30-2
FAMILIAR CORRELATES OF PHYSICAL ACTIVITY IN ADOLESCENTS WITH DOWN SYNDROME. THE UP&DOWN STUDY.
Izquierdo Gomez, R. et al [Spain]

MO-PM30-3
THE FEASIBILITY AND RELIABILITY OF PHYSICAL FITNESS TESTS IN CHILDREN WITH A MODERATE TO SEVERE INTELLECTUAL DISABILITY
Wouters, M. et al [Netherlands]

MO-PM30-4
SPORT CLIMBING AND HEALTH ORIENTED FITNESS
Balas, J. [Czech Republic]

MO-PM30-5
DESIGN AND VALIDATION OF A QUESTIONNAIRE ON THE WORKING PROCEDURE OF FITNESS CLASSES INSTRUCTORS IN SPAIN <CFITC>
Juan Llamas, C. [Spain]

MO-PM30-6

EFFECTS OF A SIX-MONTH EXERCISE INTERVENTION PROGRAMME ON ASPECTS OF BODY COMPOSITION IN PATIENTS WITH RHEUMATOID ARTHRITIS <RA>
Stavropoulos Kalinoglou, A. et al [Greece]

MO-PM30-7

CLINICAL MARKERS OF BODY COMPOSITION AND BODY FAT DISTRIBUTION ARE RELATED WITH CARDIAC AUTONOMIC CONTROL IN NAFLD PATIENTS
Pimenta, N. et al [Portugal]

MO-PM30-8

RENAL FUNCTION IN TRANSPLANT RECIPIENTS COMPARE TO HEALTHY SUBJECTS AFTER A MARATHON CYCLING
Totti, V. et al [Italy]

MO-PM30-9

EFFECT OF A NEUROMUSCULAR DENTISTRY-DESIGNED MOUTHGUARD ON SPRINT PERFORMANCE
Fischer, H. et al [Germany]

MO-PM31 Physical activity

LECTURE ROOM: E108

Chair(s):

van Poppel, M. [Netherlands]
de Geus, B. [Belgium]

MO-PM31-1

PATTERNS OF OBJECTIVELY MEASURED PHYSICAL ACTIVITY AND SEDENTARY TIME IN SOUTH ASIAN WOMEN
Babakus Curry, W. et al [United Kingdom]

MO-PM31-2

THE VIDEO TRACKING INTER-RATER RELIABILITY TEST OF OUTDOOR FITNESS EQUIPMENT USERS BEHAVIOR
Ryzhov, M. et al [Taiwan]

MO-PM31-3

EFFECTS OF INCREASED PHYSICAL ACTIVITIES OF DAILY LIVING ON POSTPRANDIAL LIPAEIA IN POSTMENOPAUSAL WOMEN
Edamoto, K. et al [Japan]

MO-PM31-4

LIFESTYLE, HEALTH HABITS AND RISK FACTORS AMONG YOUNG ADULT AT QATAR UNIVERSITY
Al Nakeeb, Y. et al [Qatar]

MO-PM31-5

THE RELATION BETWEEN PHYSICAL ACTIVITY AND HEALTH AMONG HIGHLY AND MODERATELY ACTIVE STUDENTS
Daniuseviciute, L. [Lithuania]

MO-PM31-6

GREEN PRESCRIPTION SUPPORT PROGRAMMES IN CANTERBURY: INFLUENCE ON PHYSICAL ACTIVITY AND PHYSICAL AND PSYCHOLOGICAL WELLBEING
Draper, N. et al [United Kingdom]

MO-PM31-7

OBJECTIVELY MEASURED HOURLY PATTERNS OF PHYSICAL ACTIVITY AND SEDENTARY BEHAVIOR UNDER FREE-LIVING CONDITIONS IN YOUNG AND MIDDLE AGED MEN AND WOMEN
Ayabe, M. et al [Japan]

MO-PM31-8

INVESTIGATING THE ENDOGENEOUS RELATIONSHIPS BETWEEN PHYSICAL ACTIVITY AND RESIDENTIAL ENVIRONMENT IN THE ELDERLY WITH AN APPLICATION OF TREATMENT EFFECT MODEL
Yeh, C.Y. et al [Taiwan]

MO-PM31-9

MUSCLE ACTIVITY AND SITTING COMFORT DURING PROLONGED COMPUTERIZED OFFICE WORK ON A STANDARD OFFICE CHAIR AND A CHAIR WITH UNSTABLE SEAT
Geržević, M. et al [Slovenia]

MO-PM31-10

EFFECTS OF ABDOMINAL MUSCLES IEMG AMPLITUDE DEPEND ON BODYBOLSTER APPLICATION, SITTING BODY POSTURE AND EXERCISE
Lee, B.K. et al [Korea, South]

MO-SH10 Sport Statistics & Analysis 2

LECTURE ROOM: G108

Chair(s):

Zemkova, E. [Slovakia]

MO-SH10-1

CHARACTERISTICS OF SPRINT MOTIONS FOR ELEMENTARY SCHOOL CHILDREN
Tatsumi, J. et al [Japan]

MO-SH10-2

A STUDY OF MORPHOLOGICAL EVALUATION OF SPRINT MOTION FOR ELEMENTARY SCHOOL CHILDREN
Kokudo, S. et al [Japan]

MO-SH10-3

ITEM ANALYSIS OF TOE GRIP FOR PRESCHOOL-AGED CHILDREN
Ikeda, T. et al [Japan]

MO-SH10-4

GOALKEEPING IN FOOTBALL: FAST OR SLOW, HOW TO DECIDE?
Vicente, A. et al [Portugal]

MO-SH10-5

RELATIVE AGE EFFECT – A STUDY OF NORWAYS, SWEEDENS AND PORTUGALS U17, U19, U21 AND ADULT TEAM
Hamnvik Sagelv, E. et al [Norway]

MO-SH10-6

REVEALING RACE PATTERNS IN IRONMAN TRIATHLON USING PRINCIPAL COMPONENT ANALYSIS
Krieger, J.P. [Switzerland]

MO-SH10-7

RELATIONSHIPS BETWEEN PACING PARAMETERS AND PERFORMANCE OF ELITE FEMALE 800-M FREESTYLE SWIMMERS
Lipinska, P. et al [Poland]

MO-SH10-8

ANALYSIS OF RACE TIMINGS FOR MEN'S, WOMEN'S AND MIXED CREW DRAGON BOAT AT THE 27TH SOUTHEAST ASIAN GAMES
Tay, C.S. et al [Singapore]

MO-BN10 BM Injury Prevention

LECTURE ROOM: G109

Chair(s):

Verhagen, E. [Netherlands]
Schwameder, H. [Austria]

MO-BN10-1

JUMPING ACCELEROMETRIC STUDY OF ELITE HANDBALL FEMALE ATHLETES WITH OR WITHOUT PREVIOUS ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION
Setuain, I. et al [Spain]

MO-BN10-2

THE EFFECT OF ANKLE TAPING IN THE JOINT LOADING DURING JUMPING AND LANDING
Lung, Y.R. et al [Taiwan]

MO-BN10-3

THE MUSCLE ACTIVATION CHANGE DURING JUMPING AND LANDING AFTER ANKLE TAPING
Chen, W.H. et al [Taiwan]

MO-BN10-4

BIOMECHANICAL FACTOR OF THE AGE-SPECIFICITY IN THE INCIDENCE OF SEVER'S DISEASE
Hashizume, S. et al [Japan]

MO-BN10-5

DOES THE KINESIO TAPING HELP TO RECOVER AFTER DELAYED ONSET MUSCLE SORENESS ON WRIST EXTENSOR MUSCLES?
Tsong Yeh, C. et al [Taiwan]

MO-BN10-6

THE EFFECTS OF KINESIO TAPING ON MUSCULAR ENDURANCE OF DEEP NECK FLEXORS FOR SUBJECTS WITH FORWARD HEAD POSTURE：A PILOT STUDY
Chia Ning, C. et al [Taiwan]

MO-BN10-7

EFFECTS OF ANKLE TAPING ON KNEE JOINT BIOMECHANICS DURING A CUTTING MANEUVER
Ting Yi, C. et al [Taiwan]

MO-BN10-8

ANALYSIS OF SPINE MOVEMENT IN VOLLEYBALL SPIKE WITH RESPECT TO BACK PAIN
Felt, D. et al [Germany]

MO-BN10-9

ANALYSIS OF STATIC SPINE ANGLES IN DIFFERENT HANDLEBAR POSITIONS IN TRIATHLON WITH RESPECT TO BACK PAIN
Felker, K. et al [Germany]

MO-SH11 Sport, Stress & Anxiety

LECTURE ROOM: G110

Chair(s):

Pijpers, R. [Netherlands]
Renshaw, I. [Australia]

MO-SH11-1

ANALYSIS OF THE PSYCHOLOGICAL STATE OF RUNNERS IN THE SÃO PAULO INTERNATIONAL

MARATHON

Sierra, W. et al [Brazil]

MO-SH11-2

WORKING MEMORY CAPACITY AS EXECUTIVE ATTENTION FOR PREDICTING WHO WILL 'CHOKE' UNDER PRESSURE
Wood, G. et al [United Kingdom]

MO-SH11-3

PRE-COMPETITION ANXIETY PROFILE OF NORWEGIAN EQUESTRIANS
Helle, I. et al [Norway]

MO-SH11-4

TRANSCENDENTAL MEDITATION EFFECTS IN THE SPORTS PERFORMANCE IN HIGH PERFORMANCE ATHLETES.
López Trejo, V. et al [Mexico]

MO-SH11-5

EMOTIONAL INTELLIGENCE, PERSONALITY TRAITS AND PSYCHOPHYSIOLOGICAL STRESS RESPONSES DURING ANTICIPATION OF PUBLIC SPEAKING TASK IN ELITE ATHLETES
Üngür, G. et al [Turkey]

MO-SH11-6

A STUDY OF ASSOCIATION OF OBJECTIVELY MEASURED MODERATE TO VIGOROUS PHYSICAL ACTIVITY WITH JOB STRESS RESPONSE AND DEPRESSIVE SYMPTOMS IN JAPAN
Shi, M. et al [Japan]

MO-SH11-7

CHANGES IN THE ACUTE RECOVERY AND STRESS SCALE DURING A HIGH-INTENSIVE TRAINING PERIOD IN WELL-TRAINED CYCLISTS
Feistenauer, C. et al [Germany]

MO-SH11-8

ANALYZING THE CORRELATION BETWEEN SELF-ESTEEM AND ATTITUDE OF 25 YEAR OLD AND YOUNGER PARTICIPANTS DOING EXERCISE
Bıngol, E. et al [Turkey]

MO-SH11-9

THE COMPARISON OF PHYSICAL SELF-CONCEPT AMONG SEX & ACTIVE/INACTIVE STUDENTS
Fathirezaie, Z. et al [Iran]

MO-SH11-10

EXPLORING THE IMPACT OF PRIMING ON CRICKET FIELDING PERFORMANCE
Ashford, K.J. et al [United Kingdom]

Mini-Oral Presentations

Thursday, July 3rd, 2014

15:00 - 16:00 Slot B

MO-PM32 Exercise, Nutrition & Metabolism

LECTURE ROOM: AUDITORIUM

Chair(s):

Boreham, C. [Ireland]

Flouris, A. [Greece]

MO-PM32-1 [YIA]
LEPTIN RECEPTOR MOLECULAR VARIANTS ARE DIFFERENTLY REGULATED BY EXERCISE AND ENERGY DEFICIT IN HUMAN SKELETAL MUSCLE
Pérez Suárez, I. et al [Spain]

MO-PM32-2 [YIA]
INCREASING DIETARY PROTEIN INTAKE DOES NOT PRESERVE LEAN BODY MASS DURING CALORIC RESTRICTION IN OVERWEIGHT MIDDLE-AGED TO ELDERLY PEOPLE
Backx, E. et al [Netherlands]

MO-PM32-3 [YIA]
EFFECTS OF NITRATE SUPPLEMENTATION ON AEROBIC PERFORMANCE IN SUBJECTS WITH DIFFERENT FITNESS LEVEL
Ramaglia, M. et al [Italy]

MO-PM32-4 [YIA]
ASSOCIATION OF ACTN3, CNTF AND PTK2 WITH SKELETAL MUSCLE PHENOTYPES IN UNTRAINED MALES
Stebbins, G.K. et al [United Kingdom]

MO-PM32-5 [YIA]
DOSE-RESPONSE RELATIONSHIP OF ENDOGENOUS ERYTHROPOIETIN IN RESPONSE TO AN ACUTE HYPOXIC EXPOSURE
Turner, G. et al [United Kingdom]

MO-PM32-6 [YIA]
DOPAMINE D1 RECEPTOR MEDIATES CAFFEINE-INFLUENCED EXERCISE PERFORMANCE, THERMOREGULATION AND BRAIN NEUROTRANSMISSION
Zheng, X.Y. et al [Japan]

MO-PM32-7 [YIA]
DELAYED RESPIRATORY COMPENSATION ABOVE A GIVEN LACTATE THRESHOLD INDICATES IMPROVED 1000M RUNNING PERFORMANCE
Heyde, C. [Germany]

MO-PM32-8 [YIA]
WHOLE-BODY CRYOTHERAPY INTERCOOLING - PHYSIOLOGICAL REACTIONS AND EFFECTS ON RECOVERY OF RUNNING PERFORMANCE
Krueger, M. et al [Germany]

MO-PM32-9 [YIA]
INFLUENCE OF POST-EXERCISE HYPOXIC EXPOSURE ON HEPCDIN RESPONSE IN ATHLETES
Badenhorst, C.E. et al [Australia]

MO-PM32-10 [YIA]
PERFORMANCE IS ENHANCED AFTER 5 H RECOVERY FOLLOWING CARBOHYDRATE AND PROTEIN COMPARED WITH ISOCALORIC CARBOHYDRATE INGESTION
Dahl, M.A. et al [Norway]

MO-BN11 Neuromuscular Physiology

LECTURE ROOM: FORUM

Chair(s):

Nosaka, K. [Australia]

Enoka, R. [United States]

MO-BN11-1 [YIA]
EFFECTS OF TRANSCRANIAL DIRECT CURRENT STIMULATION ON NEUROMUSCULAR FATIGUE
Abdelmoula, A. et al [Belgium]

MO-BN11-2 [YIA]
FASCICLE BEHAVIORS DURING ISOMETRIC CONTRACTION DIFFER BETWEEN VASTUS LATERALIS AND VASTUS INTERMEDIUS
Ando, R. et al [Japan]

MO-BN11-3 [YIA]
IS STRENGTH OF ANKLE MUSCLES RELATED TO POSTURAL INSTABILITY?
Cattagni, T. et al [France]

MO-BN11-4 [YIA]
EEG SPECTRAL PARAMETERS ASSOCIATED WITH CORTICAL CONTROL OF CONTINUOUS BALANCE TASKS
Hülsdünker, T. et al [Germany]

MO-BN11-5 [YIA]
PRESYNAPTIC INHIBITION OF IA AFFERENTS DOES NOT VARY WITH SWAY POSITION AND DIRECTION DURING UPRIGHT STANDING
Johannsson, J. et al [Belgium]

MO-BN11-6 [YIA]
NEUROMUSCULAR AND KINEMATIC ADAPTATION IN RESPONSE TO A PERTURBATION-BASED BALANCE TRAINING
Krause, A. et al [Germany]

MO-BN11-7 [YIA]
NEUROMUSCULAR FATIGUE FOLLOWING MAXIMAL VOLUNTARY VERSUS IMAGINED CONTRACTIONS
ROZAND, V. et al [France]

MO-BN11-8 [YIA]
BRAIN ACTIVATION IS HIGHER FOR WIDE-PULSE, HIGH-FREQUENCY ELECTRICAL STIMULATION AND VOLUNTARY EXERCISE AS COMPARED TO CONVENTIONAL ELECTRICAL STIMULATION
Wegrzyk, J. et al [France]

MO-BN11-9 [YIA]
ACTIVATING MUSCLES FROM PRE-ACTIVATION TO MVC
Penasso, H. [Austria]

MO-PM33 Physical Disabilities & Activity

LECTURE ROOM: EMERALD

Chair(s):

Vanlandewijck, Y. [Belgium]

Buffart, L. [Netherlands]

MO-PM33-1 [YIA]
NUTRITION AND VELOCITY MEASUREMENT IN SPANISH NATIONAL TEAM WHEELCHAIR BASKETBALL PLAYERS
Grams, L. et al [Spain]

MO-PM33-2 [YIA]
BODY COMPOSITION ASSESSMENT IN WHEELCHAIR ATHLETES
Cavedon, V. et al [Italy]

MO-PM33-3 [YIA]
COMPARISON OF CARDIAC ADAPTATION TO WORKLOADS ON A FOOTBALL TEAM AT THE BEGINNING AND END OF PRESEASON BY THE

CHIGNON INDEX
Domínguez, I. et al [Mexico]

MO-PM33-4 [YIA]
EFFECTS OF A PROGRAM OF VIGOROUS TRAINING AND 8 WEEKS OF DETRAINING IN A GROUP OF OVER 65
Fois, F. et al [Italy]

MO-PM33-5 [YIA]
CHARACTERISTICS OF THE STEPS IN THE APPROACH PHASE OF THE LONG JUMP BETWEEN BLIND AND ELITE ATHLETES
Padulles, J.M. et al [Spain]

MO-PM33-6 [YIA]
EFFECTS OF DIFFERENT INTENSITIES OF ACUTE EXERCISE ON BLOOD GLUCOSE AND LIPID PROFILE OF INDIVIDUALS WITH SPINAL CORD INJURY
Alves, E.S. et al [Brazil]

MO-PM33-7 [YIA]
PROJECT 'TRIPIANTO... E ADESSO SPORT'. EFFECTS OF EXERCISE ON QUALITY OF LIFE OF SOLID ORGAN TRANSPLANT PATIENTS: PRELIMINARY RESULTS.
Peruzzo, M. et al [Italy]

MO-PM34 Physical Activity & Exercise Training

LECTURE ROOM: E102

Chair(s):

Maffioletti, N. [Switzerland]

Draper, N. [United Kingdom]

MO-PM34-1 [YIA]
INVESTIGATING PHYSICAL ACTIVITY IN CHILDREN AND YOUNG PEOPLE WITH INTELLECTUAL DISABILITIES USING OBJECTIVE METHODS
Downs, S.J. et al [United Kingdom]

MO-PM34-2 [YIA]
GREAT STRENGTH GAIN WITHOUT PAIN FOLLOWING DOWNHILL WALKING TRAINING
Maeo, S. et al [Japan]

MO-PM34-3 [YIA]
THE POTENTIAL CONTRIBUTION OF ACTIVE VIDEO GAMING IN INCREASING ADHERENCE TO PHYSICAL ACTIVITY GUIDELINES
Mackintosh, K. et al [United Kingdom]

MO-PM34-4 [YIA]
GENDER DIFFERENCES IN ISOLATED UPPER-BODY POLING AMONG PERFORMANCE-MATCHED CROSS-COUNTRY SKIERS
Myhre, K. et al [Norway]

MO-PM34-5 [YIA]
EFFECTS OF NONSPECIFIC ENDURANCE TRAINING ON SPECIFIC PERFORMANCE IN INLINE SPEED-SKATING
Hildebrand, C. et al [Germany]

MO-PM34-6 [YIA]
ENHANCING PERFORMANCE IN ELITE WATER POLO PLAYERS: DRY-LAND TRAINING, IN-WATER TRAINING, AND COMBINED TRAINING
Ramos Veliz, R. et al [Spain]

MO-PM34-7 [YIA]
EFFECT OF A MULTIMODAL PROGRAM ON BODY COMPOSITION AND CARBOHYDRATE METABOLISM DURING PREGNANCY
Ferrari, N. et al [Germany]

MO-PM34-8 [YIA]
IMPROVING CARDIORESPIRATORY FITNESS BY INDOOR-CYCLING DOES NOT CHANGE SELF-REPORTED OR MEASURED DAILY PHYSICAL ACTIVITY - PRELIMINARY RESULTS
Brandes, M. et al [Germany]

MO-PM34-9 [YIA]
ON THE ORIGINS OF ORGANIZED SPORTS MEDICINE IN SWITZERLAND
Colombani, P.C. et al [Switzerland]

MO-BN12 BM Muscle Function

LECTURE ROOM: G102

Chair(s):

Maas, H. [Netherlands]

Ritzmann, R. [Germany]

MO-BN12-1 [YIA]
NONLINEAR ANKLE MOMENT SUMMATION OF RAT TRICEPS SURAE MUSCLES
Tijs, C. et al [Netherlands]

MO-BN12-2 [YIA]
CONCENTRIC TORQUE-VELOCITY RELATIONSHIPS OF THE ELBOW FLEXORS AND EXTENSORS IN HEALTHY FEMALES
Kanelov, I. et al [Bulgaria]

MO-BN12-3

THE ROLE OF EMG ACTIVITY AND ELASTIC ENERGY REUSE IN THE KNEE EXTENSOR MUSCLES DURING CONCENTRIC CONTRACTIONS
Hegyi, A. et al [Hungary]

MO-BN12-4

RELIABILITY OF HUMAN VASTUS LATERALIS FASCICLE LENGTH MEASUREMENTS USING A SEMI-AUTOMATIC TRACKING ALGORITHM APPLIED TO ULTRASOUND IMAGES
Marzilger, R. et al [Germany]

MO-BN12-5

INFLUENCE OF CAFFEINE ON PARTICULAR NEUROMUSCULAR PROPERTIES - A PILOT STUDY
Höher, P. et al [Austria]

MO-BN12-6

SENSITIVITY OF THE FORCE-VELOCITY RELATIONSHIP OF LEG EXTENSORS OBTAINED FROM LOADED AND UNLOADED VERTICAL JUMPS
Jaric, S. [United States]

MO-BN12-7

HARDNESS COMPARISON OF TISSUE-MIMICKING MATERIALS MEASURED USING DIFFERENT TYPES OF MUSCLE-HARDNESS METERS
Murrayama, M. et al [Japan]

MO-BN12-8

GASTROCNEMII STRUCTURE AND SPECIFIC TENSION IN CLAUDICANTS WITH PERIPHERAL ARTERIAL DISEASE
O'Brien, T.D. et al [United Kingdom]

MO-BN12-9

INDIVIDUAL DIFFERENCES IN MUSCLE ACTIVATION DURING ISOKINETIC MOVEMENTS WITH DIFFERENT LOADS
Thaller, S. et al [Austria]

MO-PM35 Nutrition & Body Composition

LECTURE ROOM: G103

Chair(s):
Coombes, J. [Australia]
Klass, M. [Belgium]

MO-PM35-1

BODY ADIPOSITY INDEX IS NOT RELATED TO BLOOD PRESSURE IN NORMOTENSIVE BRAZILIAN

MEN AND WOMEN

Dutra, M. et al [Brazil]

MO-PM35-2

DOES THE TIME OF THE DAY OF FOOD INTAKE INFLUENCE BODY COMPOSITION IN TRIATHLETES?
Ghiani, G. et al [Italy]

MO-PM35-3

BODY COMPOSITION CHANGES AND ENERGY COST OF RUNNING IN AMATEUR ATHLETES
Tocco, F. et al [Italy]

MO-PM35-4

ERRORS IN THE ESTIMATION OF BODY COMPOSITION INDUCED BY HYPOHYDRATION
Rodriguez, N. et al [United Kingdom]

MO-PM35-5

NUTRITIONAL KNOWLEDGE AND ATTITUDES TOWARDS HEALTHY EATING OF COLLEGE -GOING MALE ATHLETES OF HARYANA STATE.
Rathee, B. [India]

MO-PM35-6

EXPLORING GENERAL AND SPORTS NUTRITION AND FOOD KNOWLEDGE IN ELITE MALE AUSTRALIAN ATHLETES
Belski, R. et al [Australia]

MO-PM35-7

ANALYSIS OF BODY COMPOSITION AND SOMATOTYPE HIGH PERFORMANCE TO PLAYERS OF FOOTBALL CLUB PACHUCA
Lopez Roldan, A. et al [Mexico]

MO-PM35-8

PREVALENCE OF RISK AND RISK FACTORS OF EATING DISORDERS AMONG MALE ADOLESCENT ATHLETES AND UNTRAINED CONTROLS
Pustivšek, S. et al [Slovenia]

MO-PM35-9

EFFECTS OF SPONTANEOUS PHYSICAL ACTIVITY AND FOOD CALORIE ON COGNITIVE FUNCTIONS OF THE RAT
Felszeghy, K. et al [Hungary]

MO-SH12 Sport Psychology

LECTURE ROOM: G104

Chair(s):
Sanchez, X. [Netherlands]
Balaguer, I. [Spain]

MO-SH12-1

THE QUIET EYE AND TASKS DEMANDS: DO TOUGHER SHOTS NEED A QUIETER EYE?
Walters-Symons, R. et al [United Kingdom]

MO-SH12-2

INTERPERSONAL MECHANISMS EXPLAINING THE TRANSFER OF WELL- AND ILL-BEING IN COACH-ATHLETE DYADS
Stebbing, J. et al [United Kingdom]

MO-SH12-3

THE RELATIONSHIP BETWEEN PLAYER OFF-FIELD LIFE AND ON-FIELD ENGAGEMENT
Pink, M. et al [Australia]

MO-SH12-4

CHANGES IN PSYCHOSOCIAL STRESS AND RECOVERY AND INJURY OCCURRENCE: A ONE-YEAR PROSPECTIVE STUDY
van der Does, H. et al [Netherlands]

MO-SH12-5

INFLUENCE OF "ACOUSTIC AND VISUAL PACESETTERS" ON PERFORMANCE
Lecce, D. et al [Italy]

MO-SH12-6

ASSESSING BIOLOGICAL MATURITY IN YOUTH FOOTBALL - PSYCHOMETRIC PROPERTIES OF THE MATURITY OFFSET-PROTOCOL
Votteler, A. et al [Germany]

MO-SH12-7

WHAT IS THE TEMPORAL BODY?
Hogenova, A. [Czech Republic]

MO-SH12-8

EXTERNAL FOCUS OF ATTENTION ENHANCES MOVEMENT AUTOMATIZATION
Kal, E. et al [Netherlands]

MO-SH13 Psychological Interventions

LECTURE ROOM: G105

Chair(s):
Hutter, V. [Netherlands]

MO-SH13-1

INVESTIGATE THE EFFECTS OF IMAGERY PRACTICE TO SKILLS DEVELOPMENT FOR THE BRANCH OF VOLLEYBALL PLAYERS
Elçi, G. et al [Turkey]

[YIA]

[YIA]

[YIA]

[YIA]

[YIA]

[YIA]

MO-SH13-2

IMPLICIT THEORIES OF MENTAL TOUGHNESS AMONG ADOLESCENT NETBALLERS
Daniel Gucciardi, F. et al [Australia]

MO-SH13-3

ALTITUDE ON RECOVERY OF ELITE SWIMMERS: EXAMINING THE EFFICACY OF THE LAKE LOUISE ALTITUDE MOUNTAIN SICKNESS QUESTIONNAIRE.
Patrick, T. [Qatar]

MO-SH13-4

VALIDATION OF THE BRAZILIAN VERSION OF THE SPORT-MULTIDIMENSIONAL PERFECTIONISM SCALE 2 <SMPS-2B>
Nascimento Junior, J.R.A. et al [Brazil]

MO-SH13-5

COMPARISON OF PROGRESSIVE MUSCULAR RELAXATION AND INTERVENTION WITH BIOFEED-BACK TO DECREASE ANXIETY IN FOOTBALL
Acuña, M. [Mexico]

MO-SH13-6

INCIDENCE OF EATING DISORDERS IN FEMALE TEAM AND AESTHETIC SPORTS
Molnár, A. et al [Hungary]

MO-PM36 TT Talent

LECTURE ROOM: G106

Chair(s):
Hopkins, W. [Australia]
Vogt, M. [Switzerland]

MO-PM36-1

MOTOR SKILLS ASSESSMENT TO PREDICT TABLE TENNIS PERFORMANCE? - A LONGITUDINAL STUDY
Faber, I.R. et al [Netherlands]

MO-PM36-2

SECULAR TRENDS OF PHYSICAL FITNESS IN 11 TO 14 YEAR OLD AUSTRIAN YOUTH SKI RACERS: A COMPARISON BETWEEN 2005-2008 AND 2009-2013 TIME PERIODS
Raschner, C. et al [Austria]

MO-PM36-3

POTENTIAL OF PERFORMANCE TRACKING IN MALE EXPERT SHOT-PUTTERS FOR BENCHMARKS IN JUNIORS
Wulff, J. et al [Germany]

MO-PM36-4

THE INFLUENCE OF DIGIT RATIO AND ACHIEVEMENT MOTIVATION ON ENDURANCE PERFORMANCE IN HANDBALL TALENTS.
Tirp, J. et al [Germany]

MO-PM36-5

TALENT IDENTIFICATION OF YOUNG PLAYERS IN A PROFESSIONAL SOCCER CLUB
Gil, S.M. et al [Spain]

MO-PM36-6

ANALYSIS OF THE STANDARD OF PERFORMANCE IN YOUNG MALE AND FEMALE TRIATHLETES
Peter, P. et al [Germany]

MO-PM36-7

THE EFFICACY OF USING ESTABLISHED PHYSICAL TESTING AND A NOVEL MOVEMENT COORDINATION TEST BATTERY FOR TALENT IDENTIFICATION INTO A SELECTIVE ENTRY SCHOOL-BASED SPORTS ACADEMY.
Berry, J. et al [Australia]

MO-PM36-8

EFFECT OF MONTH AND YEAR OF BIRTH ON PLAYING TIME DURING INTERNATIONAL HANDBALL COMPETITIONS, WITH RESPECT TO PLAYING POSITION.
Karcher, C. et al [France]

MO-PM36-9

NATIONAL AND STATE REPRESENTATIVE YOUTH ATHLETES EXHIBIT POSITIVE DIFFERENCES ON A PHYSICAL TEST BATTERY WITHIN A SCHOOL-BASED SPORTS ACADEMY.
Vallance, B. et al [Australia]

MO-BN13 Motor Control Learning 3

LECTURE ROOM: G107

Chair(s):
van der Woude, L. [Netherlands]
Seifert, L. [France]

MO-BN13-1

OBSERVATION OF A FASTER PERFORMANCE DURING MAXIMAL ARM CRANKING INCREASES CADENCE AND SPEED BY 3.6%
Wrightson, J. et al [United Kingdom]

Mini-Oral Presentations

MO-BN13-2

THE EFFECT OF REAL TIME FEEDBACK ON VELOCITY FLUCTUATIONS IN STEADY STATE ROWING
Lintmeijer, L.L. et al [Netherlands]

MO-BN13-3

THE SIMON PARADIGM IN A THROWING TASK: THE QUIET EYE INHIBITS INTERFERENCES
Klostermann, A. et al [Switzerland]

MO-BN13-4

OPTIMAL USE OF VISUAL INFORMATION IN ADOLESCENTS WITH DEVELOPMENTAL COORDINATION DISORDER
de Oliveira, R.F. et al [United Kingdom]

MO-BN13-5

VISUAL SEARCH STRATEGIES IN SOCCER PLAYERS EXECUTING A POWER VS. PLACEMENT PENALTY KICK
Timmis, M. et al [United Kingdom]

MO-BN13-6

RELATIONSHIP BETWEEN MOTOR DEVELOPMENT, WEIGHT STATUS AND MOTOR COORDINATION PROFICIENCY
Issartel, J. et al [Ireland]

MO-BN13-7

INTERACTING CONSTRAINTS SHAPE EMERGENT DECISION-MAKING OF REFEREES
Renshaw, I. et al [Australia]

MO-BN13-8

PROCESSING CONDITIONS DURING PRACTICE AND OPTIMISING SKILL ACQUISITION
Uji, M. et al [United Kingdom]

MO-PM37 TT Overhead Sports

LECTURE ROOM: E103

Chair(s):

Baltzopoulos, B. [United Kingdom]
Buscà Safont-Tria, B. [Spain]

MO-PM37-1

THE PHYSIOLOGICAL PROFILE OF MALE TEAM HANDBALL PLAYERS: WHAT DOES IT TAKE TO PLAY AT THE ELITE LEVEL?
Michalsik, L.B. et al [Denmark]

MO-PM37-2

THE RELATIONSHIP BETWEEN GENERAL AND GAME BASED PERFORMANCE IN TEAM-HAND-

BALL

Wagner, H. et al [Austria]

MO-PM37-3

MEAN POWER AND VELOCITY IN ACCELERATION PHASE OF TRUNK ROTATION IN ATHLETES WITH DIFFERENT EXPLOSIVE FORCE PRODUCTION CAPACITY
Zemková, E. et al [Slovakia]

MO-PM37-4

THE INFLUENCE OF THE BALL SPEED AND BALL PLACEMENT TO THE MOVEMENT TIME OF THE FOREHAND STROKES IN TENNIS
Wang, Y.C. et al [Taiwan]

MO-PM37-5

RELATIONSHIP BETWEEN RANGE OF MOTION TESTS WITH THROWING KINEMATICS AND THROWING PERFORMANCE IN ELITE HANDBALL PLAYERS.
Tillaar, R. [Norway]

MO-PM37-6

DETERMINANTS OF SPORTS RESULT IN KAYAKING ON THE EXAMPLE OF JUNIOR ATHLETES
Rynkiewicz, M. et al [Poland]

MO-PM37-7

THE ROLE OF PELVIS AND THORAX ROTATION VELOCITY IN BASEBALL PITCHING.
van der Graaff, E. et al [Netherlands]

MO-PM38 SM Lower Body Related Activity

LECTURE ROOM: E104

Chair(s):

Gerrits, K. [Netherlands]
Gehring, D. [Germany]

MO-PM38-1

ACHILLES TENDINOPATHY REQUIRES DIFFERENT MANAGEMENT IN REACTIVE VS DEGENERATIVE STAGE: A RANDOMIZED TRIAL OF 2 PHYSICAL THERAPIES ASSOCIATED TO A DIETARY SUPPLEMENT CONTAINING MUCOPOLISACCHARIDES
Balus, R. et al [Spain]

MO-PM38-2

CHANGES IN LOWER EXTREMITY MUSCLE MASS AND MUSCLE STRENGTH AFTER WEIGHT LOSS IN OBESE MEN
Kim, B. et al [Japan]

MO-PM38-3

BACK TO SPORTS AFTER ANTERIOR CRUCIAL LIGAMENT <ACL> RECONSTRUCTION WITH DYNAMIC INTRALIGAMENTARY STABILIZATION TECHNIQUE
Bieri, K. et al [Switzerland]

MO-PM38-4

THE PLANTARIS TENDON AND THE PERITENDINOUS CONNECTIVE TISSUE IN MIDPORTION ACHILLES TENDINOPATHY – STUDY ON INNERVATION AND SIGNALING SUBSTANCES
Spang, C. et al [Sweden]

MO-PM38-5

THE ACUTE EFFECTS OF SELF-MYOFASCIAL RELEASE WITH FOAM ROLLING ON FLEXIBILITY AND MUSCLE STRENGTH IN THE LOWER EXTREMITY
Su, H. et al [Taiwan]

MO-PM38-6

LOWER LIMB ELECTROMYOGRAPHIC ACTIVITY DURING CYCLE ERGOMETER, ELLIPTICAL CROSS-TRAINER AND TREADMILL EXERCISE
O'Donovan, J. et al [Ireland]

MO-PM38-7

COCHRANE REVIEW: INTERVENTIONS FOR PREVENTING ANKLE LIGAMENT INJURIES
Janssen, K.W. et al [Netherlands]

MO-PM38-8

SINGLE-LEG LANDING STABILIZATION TIMES IN SUBJECTS WITH FUNCTIONALLY UNSTABLE ANKLES
Kunugi, S. [Japan]

MO-PM38-9

ELECTROMYOGRAPHIC ACTIVITY OF ANKLE MUSCLES DURING LATERAL HOPPING.
Masunari, A. [Japan]

MO-PM38-10

ISOKINETIC KNEE EVALUATION IN REHABILITATION CONTROL, CASE REPORT.
Piqueras, C. et al [Spain]

MO-PM39 Vascular Physiology

LECTURE ROOM: E105-106

Chair(s):

George, K. [United Kingdom]
Carter, H. [Australia]

MO-PM39-1

HEMODYNAMIC RESPONSE TO MUSCLE METABOREFLEX ACTIVATION IN ELDERLY SUBJECTS
Crisafulli, A. et al [Italy]

MO-PM39-2

CENTRAL HEMODYNAMIC CHARACTERISTICS OF CROSS-COUNTRY SKIERS 15-17 YEARS OLD
Alimpieva, O. et al [Russia]

MO-PM39-3

EFFECT OF DIFFERENT SIMULATED ALTITUDES ON REPEAT SPRINT PERFORMANCE IN TEAM SPORT ATHLETES
Goods, P. et al [Australia]

MO-PM39-4

THE EFFECT OF ISCHEMIC PRECONDITIONING ON REPEATED SPRINT CYCLING PERFORMANCE
Patterson, S.D. et al [United Kingdom]

MO-PM39-5

INFLUENCE OF EXERCISE INTENSITY ON POSTEXERCISE MUSCLE PERFUSION
Stöcker, F. et al [Germany]

MO-PM39-6

HYPOTENSION AFTER ENDURANCE EXERCISE AT ALTITUDE
Saito, Y. et al [Japan]

MO-PM40 HF Ageing

LECTURE ROOM: E107

Chair(s):

McKay, H. [Canada]
Stathi, A. [United Kingdom]

MO-PM40-1

THE AGE-RELATED CHANGES ON MUSCLE STRENGTH AND CARDIORESPIRATORY FITNESS. FROM SEPTUAGENARIAN TO NONAGENARIANS.
Costa, N.M.C. et al [Portugal]

MO-PM40-2

THE RELATIONSHIP BETWEEN WAIST CIRCUMFERENCE AND PHYSICAL FITNESS STATUS AS HEALTH PREDICTORS ACROSS ELDERLY LIFESPAN
Silva, B. et al [Portugal]

MO-PM40-3

DIFFERENCES IN FIRE FIGHTER FITNESS AND PERFORMANCE RELATED TO AGE
Williford, H. et al [United States]

MO-PM40-4

PHYSICAL FUNCTION IN JAPANESE COMMUNITY-DWELLING OLDER ADULTS LIVING IN A RURAL REGION AND THE BUILT ENVIRONMENT USING GEOGRAPHIC INFORMATION SYSTEMS
Soma, Y. [Japan]

MO-PM40-5

HEALTH AND BEHAVIORAL CHARACTERISTICS AS PREDICTORS FOR THE CONTINUITY OF PARTICIPATION IN PHYSICAL FITNESS CHECKUPS AMONG COMMUNITY-LIVING OLDER PEOPLE IN JAPAN
Kozakai, R. et al [Japan]

MO-PM40-6

SOCIO-DEMOGRAPHIC AND ENVIRONMENTAL CORRELATES INFLUENCING ELDERLY'S PHYSICAL ACTIVITY. A REPRESENTATIVE COMMUNITY STUDY
Aspvik, N. [Norway]

MO-PM40-7

THE INTERNATIONAL CLASSIFICATION OF FUNCTIONING, DISABILITY AND HEALTH <ICF> AND PHYSICAL ACTIVITY QUESTIONNAIRES FOR THE ELDERLY – AN ANALYSIS OF CONTENT
Lange, M. et al [Germany]

MO-PM40-8

EVALUATION OF ANTHROPOMETRIC CHARACTERISTICS OF FEMALE IN DIFFERENT AGE GROUPS IN LATVIA
Plavina, L. et al [Latvia]

MO-PM41 HF Health

LECTURE ROOM: E108

Chair(s):

Proper, K. [Netherlands]
Brown, W. [Australia]

MO-PM41-1

THE EFFECTS OF SWIMMING ON THE BLOOD PRESSURE OF MIDDLE-AGED HYPERTENSIVE INDIVIDUALS
Silva, J.E. et al [Portugal]

MO-PM41-2

SHEFFIELD HALLAM STAFF WELLNESS SERVICE: FOUR YEAR FOLLOW-UP OF THE IMPACT ON HEALTH INDICATORS
Carter, A. et al [United Kingdom]

MO-PM41-3

WALK@WORKSPAIN: PREDICTORS OF SITTING TIME REDUCTIONS IN OFFICE EMPLOYEES
Bort Roig, J. et al [Spain]

MO-PM41-4

HEALTHY WORKFORCE PROJECT: FEASIBILITY AND USE OF A SIT-STAND WORKSTATION FOR REDUCING WORKPLACE SITTING TIME
Graves, L.E.F. et al [United Kingdom]

MO-PM41-5

HEALTH PROMOTION IN DUTCH AND GERMAN SMALL AND MIDDLE SIZE COMPANIES-CRITICAL FACTORS FOR SUCCESSFULLY IMPROVING PHYSICAL ACTIVITY LEVELS
Wollesen, B. et al [Germany]

MO-PM41-6

EFFECTS OF TWO WEEKS OF STATIN TREATMENT ON MITOCHONDRIAL RESPIRATION IN HEALTHY MIDDLE-AGED MALES
Larsen, S. et al [Denmark]

MO-PM41-7

EFFECT OF CENTRAL ARTERIAL STIFFNESS ON ACUTE STRETCHING EXERCISE IN YOUNG MEN.
Yamato, Y. et al [Japan]

MO-PM41-8

CHANGES IN BLOOD LIPID AND MOOD STATE AND THEIR ASSOCIATION WITH TRAINING LOAD DURING MILITARY BASIC TRAINING PERIOD
Tanskanen, M. et al [Finland]

MO-SH14 Sportpolicy & Management

LECTURE ROOM: G108

Chair(s):

Kriemler, S. [Switzerland]

Radmann, A. [Sweden]

MO-SH14-1

SOCIAL ENTREPRENEURSHIP WITHIN THE SWEDISH SPORT MOVEMENT
Schenker, K. [Sweden]

MO-SH14-2

ORGANIZATIONAL CULTURE AND LEADERSHIP BEHAVIOUR AMONG PROFESSIONAL AND AMATEUR BASKETBALL AND FOOTBALL ORGANIZA-

TIONS

Balogh, L. et al [Hungary]

MO-SH14-3

THE LINK BETWEEN SPORTS MANAGERS' COMPETENCES AND THEIR ECONOMIC SUCCESSFULNESS
Retar, I. et al [Slovenia]

MO-SH14-4

WATCHING GLOBALLY PLAYING LOCALLY
Buckley, K. [United States]

MO-BN14 BM Athletics & Skiing

LECTURE ROOM: G109

Chair(s):

Vaslin, P. [France]

Federolf, P. [Norway]

MO-BN14-1

ELECTROMYOGRAPHIC ACTIVATION PATTERNS DURING HANDBALL THROWING BY EXPERTS AND NOVICES
Rousanoglou, E. et al [Greece]

MO-BN14-2

THE USE OF INSTRUMENTED STARTING BLOCKS FOR SPRINT TRAINING
Milanese, C. et al [Italy]

MO-BN14-3

IS A SEVEN OR EIGHT-STEP START APPROACH BETTER DURING HURDLING? USING BIOMECHANICAL DATA TO DETERMINE RACE STRATEGY.
Janssen, I. et al [Netherlands]

MO-BN14-4

LOWER LIMB WORK-ENERGY PATTERNS IN ELITE RACE WALKING
Hanley, B. et al [United Kingdom]

MO-BN14-5

THE CALCULATION OF THE TRAJECTORY OF SKIER DURING ALPINE SKI RACE USING ACCELEROMETER, MAGNETIC AND GYROSCOPE SENSORS
Kazuhiko, T. et al [Japan]

MO-BN14-6

THE EXTERNAL FORCES IN MALE WORLD CUP ALPINE SKIING
Gilgien, M. et al [Norway]

MO-BN14-7

A MUSCULOSKELETAL FULL-BODY MODEL BASED ON 3D MEASUREMENTS OF ALPINE SKIING FOR

ANALYZING SKIS OF DIFFERENT WIDTHS

Supej, M. et al [Slovenia]

MO-BN14-8

ACUTE EFFECTS OF WHOLE BODY VIBRATION ON VERTICAL JUMPING PERFORMANCE
Pappas, A. et al [Greece]

MO-SH15 Talent & Career Development

LECTURE ROOM: G110

Chair(s):

Raab, M. [Germany]

Renshaw, I. [Australia]

MO-SH15-1

THE ONTARIO HOCKEY LEAGUE DRAFT: DOES BIRTHPLACE AFFECT DRAFT SUCCESS?
Wattie, N. et al [Canada]

MO-SH15-2

CALIBRATE YOUR JUDGMENT! HOW TO IMPROVE FAIRNESS CRITERIA IN SUBJECTIVE SERIAL TALENT EVALUATIONS
Fasold, F. et al [Germany]

MO-SH15-3

THE IMPORTANCE OF PSYCHOLOGICAL CONSTRUCTS FOR TRAINING VOLUME AND PERFORMANCE IMPROVEMENT: A STRUCTURAL EQUATION MODEL FOR YOUTH SPEED SKATERS
Elferink Gemser, M.T. et al [Netherlands]

MO-SH15-4

COLLEGE EXPERIENCE AND CAREER BARRIER AMONG STUDENT-ATHLETES: INFLUENCES OF ATHLETIC IDENTITY AND SELF-EFFICACY
Huang, C.J. et al [Taiwan]

MO-SH15-5

THE ACADEMIC SUCCESS OF FLEMISH STUDENT-ATHLETES
De Brandt, K. et al [Belgium]

MO-SH15-6

DOES BIRTH DATE PREDICT CAREER LENGTH IN PROFESSIONAL SPORT?
Steingröver, C. et al [Germany]

MO-SH15-7

DROPOUT DILEMMA: TOWARDS A BETTER UNDERSTANDING OF YOUTH SPORT DISENGAGE-

MENT

Wright, E.M. et al [United States]

MO-SH15-8

RELATIVE AGE AND MATURATION OF QATARI YOUTH CLUB-LEVEL SOCCER PLAYERS
Brito, J. et al [Qatar]

Mini-Oral Presentations

Friday, July 4th, 2014

14:00 - 15:00 Slot A

MO-PM42 NU Ergogenic Supplements 2

LECTURE ROOM: AUDITORIUM

Chair(s):

Verdijk, L. [Netherlands]

Helge, J. [Denmark]

MO-PM42-1

SODIUM BICARBONATE INGESTION AUGMENTS PGC1- α EXPRESSION DURING RECOVERY FROM INTENSE INTERVAL EXERCISE IN HUMAN SKELETAL MUSCLE

Percival, M.E. et al [Canada]

MO-PM42-2

CITRULLINE ENHANCES NEITHER BLOOD FLOW, MICROVASCULAR CIRCULATION, NOR MYOFIBRILAR PROTEIN SYNTHESIS IN ELDERLY MEN AT REST OR FOLLOWING RESISTANCE EXERCISE

Churchward Venne, T.A. et al [Canada]

MO-PM42-3

NITRATE SUPPLEMENTATION WITH BEETROOT JUICE BEFORE REPEATED SPRINT BOUTS

Lipski, M. et al [Germany]

MO-PM42-4

NITRATE SUPPLEMENTATION, EXERCISE AND KIDNEY FUNCTIONS: ANY DETRIMENTAL EFFECTS?

Stragier, S. et al [Belgium]

MO-PM42-5

EFFECTS OF ACUTE INGESTION OF P-SYNEPHRINE ON SPRINTERS' PERFORMANCE

Gutiérrez Hellín, J. et al [Spain]

MO-PM42-6

EFFECTIVENESS OF PHYTOTONIC SUPPLEMENT ON SIGNIFICANT PHYSIOLOGICAL FACTORS OF THE ENDURANCE

Ataei, L. [Cyprus]

MO-PM42-7

BRANCHED-CHAIN AMINO ACIDS AND ARGININE IMPROVE PERFORMANCE IN TWO CONSECUTIVE DAYS OF SIMULATED HANDBALL GAMES IN MALE

AND FEMALE ATHLETES

Chang, C.K. et al [Taiwan]

MO-PM42-8

EFFECT OF 8- α -ALANINE-INDUCED PARAESTHESIA IN COMPETITIVE CYCLISTS

Bellinger, P. et al [Australia]

MO-PM42-9

EFFECTS OF A NUTRITIONAL SUPPLEMENT ON MAXIMUM STRENGTH IN RESISTANCE TRAINED MALES

Konstantaki, M. et al [United Kingdom]

MO-PM42-10

THE EFFECTS OF A 6-MONTH VEGETARIAN DIET ON CARNOSINE, CREATINE AND CARNITINE

Baguet, A. et al [Belgium]

MO-BN15 Muscle Strength

LECTURE ROOM: FORUM

Chair(s):

Maas, H. [Netherlands]

Enoka, R. [United States]

MO-BN15-1

BICEPS FEMORIS LONG HEAD MYOSIN HEAVY CHAIN ISOFORM COMPOSITION AND KNEE FLEXION MAXIMAL AND EXPLOSIVE STRENGTH

EVANGELIDIS, P.E. et al [United Kingdom]

MO-BN15-2

THE INFLUENCE OF CONTRACTION TYPE AND ACCELERATION ON EXPLOSIVE MUSCLE-FIBRE PERFORMANCE

Tillin, N.A. et al [United Kingdom]

MO-BN15-3

EFFECTS OF STATIC STRETCHING ON FLEXIBILITY AND MUSCLE HARDNESS ASSESSED BY ULTRASOUND ELASTOGRAPHY

Inami, T. et al [Australia]

MO-BN15-4

SEX RELATED DIFFERENCES IN MOTOR UNIT RECRUITMENT AND DISCHARGE RATES; IMPLICATIONS FOR STEADINESS

Larocque, K. et al [Canada]

MO-BN15-5

DEVELOPMENTAL DIFFERENCE BETWEEN HAND AND FOOT GRIP STRENGTHS FROM CHILDREN TO COLLEGE STUDENTS

Fukuoka, R. et al [Japan]

MO-BN15-6

DIFFERENCES IN CONTRACTILE PROPERTIES OF SINGLE MUSCLE FIBRES OF BODYBUILDERS, WRESTLERS AND UNTRAINED CONTROLS

Meijer, J.P. et al [Netherlands]

MO-BN15-7

SKELETAL MUSCLES' CONTRACTILE PROPERTIES: ESTIMATED FROM TORQUE AND TENSIOYOGRAPHIC TWITCH RESPONSE

Koren, K. et al [Slovenia]

MO-BN15-8

RELATIONSHIPS AMONG THE MUSCLE STRENGTH PROPERTIES AS ASSESSED THROUGH SST AND APMC TESTS

Suzovic, D. et al [Serbia]

MO-BN15-9

ANATOMICAL AND NEUROMUSCULAR MECHANISMS INFLUENCING INTER-INDIVIDUAL VARIABILITY IN MAXIMUM KNEE EXTENSOR TORQUE

Treize, J. et al [Australia]

MO-BN15-10

TENSIOYOGRAPHIC ASSESSMENT OF SKELETAL MUSCLE CONTRACTION TIME AND FIBRE TYPE COMPOSITION IN 9 TO 14 YEAR OLD CHILDREN

Šimunič, B. et al [Slovenia]

MO-PM43 TT Clinical 2

LECTURE ROOM: EMERALD

Chair(s):

Quist, M. [Denmark]

Wackerhage, H. [United Kingdom]

MO-PM43-1

CAN THE ACSM'S CLASSIFICATION FOR EXERCISE INTENSITIES BE APPLIED IN HEMATOLOGICAL CANCER PATIENTS RECEIVING ALLOGENEIC STEM CELL TRANSPLANTATION?

Kuehl, R. et al [Germany]

MO-PM43-2

CORRELATION BETWEEN LEISURE-TIME EXERCISE AND QUALITY OF LIFE IN BREAST CANCER SURVIVORS

Caia, S. et al [Spain]

MO-PM43-3

ATTITUDES AND PERCEPTIONS ABOUT PHYSICAL ACTIVITY IN WOMEN SURVIVORS OF BREAST

CANCER

Cruz, L. et al [Brazil]

MO-PM43-4

NEUROMUSCULAR DYSFUNCTIONS IN PATIENTS WITH CHRONIC GROIN PAIN – SYSTEMATIC REVIEW

Kloskowska, P. et al [United Kingdom]

MO-PM43-5

STANCE STABILITY CONTROL IN GIRLS WITH IDIOPATHIC SCOLIOSIS

Macha, S. et al [Czech Republic]

MO-PM43-6

MOTOR SKILL ABILITIES, BACK POSTURE AND BACK PAIN IN ADOLESCENT

Imhof, K. et al [Switzerland]

MO-PM43-7

MEASURED PEAK HEART RATE VERSUS TWO COMMON PREDICTION FORMULAS – A COMPARISON IN CANCER PATIENTS

Hellelid, K.J. et al [Norway]

MO-PM43-8

COMPARISON OF WALKING PROGRAM ON LAND AND IN WATER AND SIMPLE ADVICE IN PATIENT WITH LOW BACK PAIN

Asadi, K. et al [Iran]

MO-PM44 TT Strength & Power

LECTURE ROOM: E102

Chair(s):

Ettema, G. [Norway]

Komi, P. [Finland]

MO-PM44-1

EXPONENTIAL FUNCTION MODELING OF ALPINE SKIER EXPLOSIVE POWER ENDURANCE TESTS

Hoshino, H. et al [Japan]

MO-PM44-2

COMPARATIVE JUMPING PERFORMANCE PROFILE IN PROFESSIONAL TEAM SPORT ATHLETES

Peña, J. et al [Spain]

MO-PM44-3

EFFECT OF CONDITIONING HOPS ON JUMP AND SPRINT PERFORMANCE IN INTERNATIONAL TOP ATHLETES

Kümmel, J. et al [Germany]

MO-PM44-4

OPTIMAL FORCE-VELOCITY PROFILES IN ELITE ATHLETES

Giroux, C. et al [France]

MO-PM44-5

EFFECT OF INTERMITTENT JUDO TEST ON UPPER LIMBS STRENGTH PERFORMANCE

Monteiro, L. et al [Portugal]

MO-PM44-6

COUNTER MOVEMENT JUMP PERFORMANCE IN 12-14 YEARS OLD BOYS AND GIRLS; THE INFLUENCE OF DIFFERENT SPORT EVENTS

Petridis, L. [Hungary]

MO-PM44-7

RELATIONSHIPS AMONG SPRINT VELOCITIES, VERTICAL GROUND REACTION FORCE, AND ISOKINETIC KNEE STRENGTH VARIABLES

Kale, M. et al [Turkey]

MO-PM44-8

CHARACTERISTICS OF A SPECIALIZED TEST IN JUMPING ENDURANCE WITH VOLLEYBALL PLAYERS

Yordanov, P. et al [Bulgaria]

MO-PM44-9

CRITICAL POWER TESTING IN THE FIELD

Karsten, B. et al [United Kingdom]

MO-BN16 BM Jumping & Squatting

LECTURE ROOM: G102

Chair(s):

Bobbert, M. [Netherlands]

Blazevich, A. [Australia]

MO-BN16-1

AGE-RELATED DIFFERENCE IN SHOCK ATTENUATING ABILITY OF CHILDREN

Kuno Mizumura, M. et al [Japan]

MO-BN16-2

EFFECTS OF THREE DIFFERENT PRELIMINARY MOVEMENT PATTERNS BEFORE JUMPING IN THE JUMP PERFORMANCE

Shin, J.M. et al [Korea, South]

MO-BN16-3

COMPARISON BETWEEN FIRST AND SECOND LANDING FOR DIFFERENT VERTICAL DROP JUMP

TASKS. IMPLICATION IN INJURY RISK PREVENTION
Cordonnier, C. [Belgium]

MO-BN16-4
EFFECTS OF ACUTE STATIC STRETCHING ON
MECHANO-MORPHOLOGICAL PARAMETERS AND
JUMP PERFORMANCE
Stafilidis, S. et al [Austria]

MO-BN16-5
ESTIMATES OF LEG STIFFNESS AND JOINT STIFF-
NESS DURING LOW-LOAD PLYOMETRICS.
Grisbrook, T.L. et al [Australia]

MO-BN16-6
VALIDITY OF TRI-AXIAL ACCELEROMETRY FOR
MONITORING BACK SQUAT REPETITION QUALITY
Nicholson, G. et al [United Kingdom]

MO-BN16-7
BILATERAL SQUAT ASYMMETRY IN SURFING
ATHLETES
Lundgren, L. et al [Australia]

MO-BN16-8
DOES A SINGLE LEG SQUAT TEST PROVIDE AN
INSIGHT INTO NEUROMUSCULAR CONTROL DUR-
ING MORE DYNAMIC SPORTING MOVEMENTS?
Marshall, B. et al [Ireland]

MO-BN16-9
A NOVEL APPROACH TO BIOMECHANICAL
ANALYSIS OF THE KNEE DURING SQUATTING
Djordjevic, S. et al [Slovenia]

MO-BN16-10
THE INFLUENCE OF CHAIN-LOADED RESISTANCE
ON SUBSEQUENT 1-RM FREE-WEIGHT SQUAT
PERFORMANCE
Mina, M.A. et al [United Kingdom]

MO-PM45 Vitamins & Minerals

LECTURE ROOM: G103
Chair(s):
Wardenaar, F. [Netherlands]
Bowtell, J. [United Kingdom]

MO-PM45-1
THE EFFECT OF ACUTE AND CHRONIC MAGNE-
SIUM SUPPLEMENTATION ON A 40 KM CYCLE
TIME TRIAL AND 24 HOUR RECOVERY ON NOR-
MOTENSIVE ADULTS.
Poelra, J.F. et al [United Kingdom]

MO-PM45-2
CHANGES IN EXPRESSION OF ZN TRANSPORTERS
AND IN SUPEROXIDE DISMUTASE ACTIVITY IN ZN-
SUPPLEMENTED HIGH PERFORMANCE HANDBALL
PLAYERS
Molina López, J. et al [Spain]

MO-PM45-3
VITAMIN AND MINERAL SUPPLEMENT INTAKE
REPORTED BY DUTCH ATHLETES
Ceelen, I. et al [Netherlands]

MO-PM45-4
MIMICKING EXERCISE TRAINING, GINSENOSE
RG3 IMPROVES CARDIAC MITOCHONDRIAL
POPULATION QUALITY
Sun, M. [China]

MO-PM45-5
THE EFFECTS OF BOVINE COLOSTRUM SUPPLE-
MENTATION ON IN VIVO CELL-MEDIATED IMMUNE
RESPONSE FOLLOWING PROLONGED EXERCISE
Jones, A.W. et al [United Kingdom]

MO-PM45-6
IRON STATUS AND HEPICIDIN RESPONSE TO A
SEVEN DAY TRAINING PERIOD OF RUNNING OR
CYCLING
Sim, M. et al [Australia]

MO-PM45-7
HYPOVITAMINOSIS D IN YOUNG ATHLETES FROM
THE MIDDLE EAST AND SEASONAL VARIATIONS
Nikolovski, Z. et al [Qatar]

MO-SH16 Coaching 1

LECTURE ROOM: G104
Chair(s):
Sanchez, X. [Netherlands]

MO-SH16-1
NORWEGIAN FOOTBALL ACADEMY PLAYERS – AS-
SESSING PERSONAL SKILLS AS A RESULT OF SELF-
ORGANISED TRAINING
Sæther, S.A. et al [Norway]

MO-SH16-2
CONTENT AND PEDAGOGICAL FRAMEWORKS
CONCEPTUALISING THE COACH AS EDUCATOR
Culpan, I. et al [New Zealand]

MO-SH16-3
DOES A STRONG ATHLETIC IDENTITY NEED TO
BE EXCLUSIVE? THE CASE OF ELITE AUSTRALIAN

FOOTBALL PLAYERS
Saunders, J. et al [Australia]

MO-SH16-4
THE VIDEO ANALYSIS AS TEACHING TOOL IN
ARCHERY YOUTH
Napolitano, S. et al [Italy]

MO-SH16-5
ONE PERSPECTIVE OF GOLF IN PORTUGAL
Brito, A.P. et al [Portugal]

MO-SH16-6
COACHES' PERCEPTIONS OF THE BENEFITS OF US-
ING PERFORMANCE SPEED TO DETERMINE TRAIN-
ING ZONES FOR SURF LIFESAVING COMPETITION
Reddan, G. [Australia]

MO-SH16-7
IMPROVING TACTICAL COACHING ABILITIES IN
SOCCER
Cordes, O. [Germany]

MO-SH17 Exercise Psychology

LECTURE ROOM: G105
Chair(s):
Raab, M. [Germany]
Ando, S. [Japan]

MO-SH17-1
ACUTE EXERCISE AND FITNESS MODULATE
COGNITIVE FUNCTION IMPROVEMENT IN OLDER
ADULTS
Chu, C. et al [Taiwan]

MO-SH17-2
FREQUENT EXERCISE BEHAVIOR DOES NOT RE-
TARD THE ACTUAL ACADEMIC ACHIEVEMENT
Nakajima, T. et al [Japan]

MO-SH17-3
ANALYSE OF CLINICAL EXERCISE PROGRAMS
IN THE TREATMENT OF CLINICAL DEPRESSION:
RANDOMIZED CONTROLLED TRIALS
Carneiro, L. et al [Portugal]

MO-SH17-4
EFFECTS ON MOOD AND SLEEP QUALITY OF THE
ELDERLY IN THE DIGITAL ORIENTAL QIGONG
EXERCISES INTERVENTION
Cheng, C.M. et al [Taiwan]

MO-SH17-5
IS PERIPHERAL VISUAL PERCEPTION VULNERABLE
TO STRENUOUS EXERCISE?
Ando, S. et al [Japan]

MO-SH17-6
VISUAL SEARCH, EXERCISE AND PHYSICAL FIT-
NESS LEVEL
Llorens, F. et al [Spain]

MO-SH17-7
SWIMMING AND INTELLIGENCE: A STUDY BE-
TWEEN SWIMMERS AND SEDENTARY PEOPLE.
Garcia, O. et al [Spain]

MO-PM46 TT Injury Prevention

LECTURE ROOM: G106
Chair(s):
Gerrits, K. [Netherlands]
Gehring, D. [Germany]

MO-PM46-1
ASYMMETRIES IN RATE OF FORCE DEVELOPMENT
FOLLOWING ANTERIOR CRUCIATE LIGAMENT
RECONSTRUCTION
Mirkov, D.M. et al [Serbia]

MO-PM46-2
A PILOT STUDY FOR THE PREVENTION OF LOWER
LIMBS INJURIES IN YOUTH FEMALE BASKETBALL
PLAYERS
Benis, R. et al [Italy]

MO-PM46-3
STRENGTH RATIOS OF SPECIFIC MUSCLE GROUPS
IN MALE ELITE ATHLETES WITH DIFFERENT TRAIN-
ING BACKGROUNDS
Pelzer, T. et al [Germany]

MO-PM46-4
ACUTE EFFECT OF KINESIO-TAPING ON 6-S
MAXIMAL CYCLING SPRINTS IN HEALTHY ACTIVE
PEOPLE: A PILOT STUDY
Trecroci, A. et al [Italy]

MO-PM46-5
CORRELATION OF CONVENTIONAL AND FUNC-
TIONAL KNEE STRENGTH RATIOS IN ELITE SOCCER
PLAYERS
Pinto, R. et al [Brazil]

MO-PM46-6
ANKLE KINESIO TAPING DOES NOT IMPROVE
POSTURAL CONTROL IN ASYMPTOMATIC SUB-
JECTS.
Booghs, C. et al [Belgium]

MO-PM46-7
IMPORTANCE OF QUANTITATIVE RETURN-TO-FIELD
CRITERIA
Schwartz, C. et al [Belgium]

MO-PM46-8
NEUROMUSCULAR CONTROL AND ADAPTATIVE
MECHANISMS AFTER ANTERIOR CRUCIATE LIGA-
MENT RUPTURE: A CASE REPORT
Melloni, M. et al [Brazil]

MO-BN17 Motor Control & Learning 4

LECTURE ROOM: G107
Chair(s):
Mierau, A. [Germany]
Schwameder, H. [Austria]

MO-BN17-1
AGE IS JUST A NUMBER; MATURITY IN MOVE-
MENT IS A CHOICE
O'Brien, W. et al [Ireland]

MO-BN17-2
EFFECTS OF ANXIETY ON THE PERCEPTION OF AC-
TION CAPABILITIES: TOWARDS A SENSORIMOTOR
INTEGRATION PERSPECTIVE
Daviaux, Y. et al [France]

MO-BN17-3
EFFECT OF PRACTICE SOCCER JUGGLING WITH
DIFFERENT SIZED BALLS UPON PERFORMANCE
AND TRANSFER TO BALL RECEPTION.
Råstad, O. [Norway]

MO-BN17-4
ARE ADOLESCENTS AS GOOD AS THEY THINK?
DISCREPANCY BETWEEN PERCEIVED MOTOR
COMPETENCE AND FUNDAMENTAL MOVEMENT
SKILLS PROFICIENCY.
McGrane, B. et al [Ireland]

MO-BN17-5
SHORT TIME EFFECTS OF TASK VARIATIONS ON
CLUB HEAD KINEMATICS IN GOLF PUTTING
Schmidt, M. et al [Germany]

Mini-Oral Presentations

MO-BN17-6

PERFORMANCE AND COMPLEXITY IN BALANCE TASK DEPENDING ON SPORT SKILL LEVEL AND AGE.

Moreno, F. et al [Spain]

MO-BN17-7

OBSERVATIONAL ASSESSMENT OF FUNDAMENTAL MOVEMENT SKILL PROFICIENCY IN PRESCHOOL CHILDREN

Sasaki, R. et al [Japan]

MO-PM47 Sport Injuries

LECTURE ROOM: E103

Chair(s):

Cholewicki, J. [United States]

Chaudhari, A. [United States]

moen, m. [Netherlands]

MO-PM47-1

SELF-CARE IN RUGBY PLAYERS

Martínez Rueda, R. et al [Colombia]

MO-PM47-2

TYPES OF INJURY OF ELITE FOOTBALL PLAYERS OF THE ANATOMICAL LOCALIZATION

Gümüş., M. et al [Turkey]

MO-PM47-3

FITNESS AND SAFETY IN HORSE RIDING

Adriaenssens, L. et al [Netherlands]

MO-PM47-4

TOE FLEXOR STRENGTH AND FOOT ARCH HEIGHT IN CHILDREN

Morita, N. et al [Japan]

MO-PM47-5

THE INFLUENCE OF HEAD AND IMPACT SURFACE CONDITION ON DYNAMIC RESPONSE OF THE HEAD

Winegarden, A. et al [Canada]

MO-PM48 SM Exercise Responses

LECTURE ROOM: E104

Chair(s):

Hunter, S. [United States]

MO-PM48-1

THE EFFECTS OF ENDURANCE TRAINING ON MRNA LEVELS OF KIF1B MOTOR PROTEIN IN SENSORY AND MOTOR NEURONS OF RATS WITH DIABETIC NEUROPATHY

Rahmati, M. et al [Iran]

MO-PM48-2

EFFECTS OF COMBINED AEROBIC AND RESISTANCE CIRCUIT TRAINING ON PANCREATIC B CELL FUNCTION, BODY COMPOSITION AND PHYSICAL FUNCTION IN COMMUNITY-DWELLING HEALTHY ELDERLY

Hou, M.T. et al [Taiwan]

MO-PM48-3

EXERCISE AMELIORATES CARDIAC DYSFUNCTION CAUSED BY LACTATIONAL DEHP EXPOSURE IN YOUNG ADULT RATS

Huang, H.M. et al [Taiwan]

MO-PM48-4

AEROBIC EXERCISE AMELIORATES MUSCULAR DYSFUNCTION IN RATS EXPOSED TO DEHP DURING LACTATIONAL PERIOD

Yi Shiuuan, S. et al [Taiwan]

MO-PM48-5

AEROBIC EXERCISE IMPROVES THE IMPAIRED MOTOR COORDINATION IN LACTATIONAL DEHP-EXPOSED RATS

Kuan Chung, W. et al [Taiwan]

MO-PM48-6

AEROBIC EXERCISE PROVIDES ANXIOLYTIC EFFECTS IN LACTATIONAL DEHP-EXPOSED FEMALE YOUNG ADULT RATS

Yue Cih, J. et al [Taiwan]

MO-PM48-7

MICROCIRCULATORY ANALYSIS BEFORE AND AFTER EXERCISE UNDER HEAT CONDITION IN HUMAN

Natsui, H. et al [Japan]

MO-PM48-8

RELATIONS BETWEEN HEART RATE VARIABILITY AND TRAINING

Schäfer, D. et al [Switzerland]

MO-PM49 Cardiovascular Physiology

LECTURE ROOM: E105-106

Chair(s):

George, K. [United Kingdom]

Carter, H. [Australia]

MO-PM49-1

CARDIAC AND VASCULAR AUTONOMIC MODULATION BY DIFFERENT SET CONFIGURATIONS OF RESISTANCE EXERCISE

Mayo, X. et al [Spain]

MO-PM49-2

EFFECT OF ATROPINE ON THE FIRST PHASE DYNAMICS OF CARDIOVASCULAR RESPONSES TO LIGHT EXERCISE IN HUMANS

Bringard, A. et al [Switzerland]

MO-PM49-3

THE Q'-V'O2 DIAGRAM: AN ANALYTICAL INTERPRETATION OF OXYGEN TRANSPORT IN ARTERIAL BLOOD DURING EXERCISE IN HUMANS

Fagoni, N. et al [Italy]

MO-PM49-4

A CORRELATION BETWEEN BRADYCARDIA DURING COLD FACE TEST AND HEART RATE RECOVERY IMMEDIATELY AFTER EXERCISE

Konishi, M. et al [Japan]

MO-PM49-5

THE DYNAMICAL INTERRELATIONS OF ECG DURING PHYSICAL LOAD

Berskiene, K. et al [Lithuania]

MO-PM49-6

ELECTROMYOGRAPHY OF THE ARCH SHOT STAGES

Buchatskaya, I. et al [Russia]

MO-PM49-7

ALTERATIONS IN MITOCHONDRIAL STRUCTURE AND FUNCTION IN RAT MYOCARDIUM IN CHRONIC HEART FAILURE

Wüst, R.C.I. et al [Netherlands]

MO-PM49-8

CONCURRENT EXERCISE TRAINING REDUCES INFLAMMATION BIOMARKERS ASSOCIATED WITH RISK CARDIOVASCULAR IN HIV-INFECTED INDIVIDUALS

Alves, G. et al [Brazil]

MO-PM49-9

HEART RATE RECOVERY IN ELITE SWIMMERS

Ganzevles, S.P.M. et al [Netherlands]

MO-PM49-10

THE EFFECTS OF GRAVITY ACCELERATION ON AUTONOMIC CONTROL IN RESTING HUMANS

Fontollet, T. et al [Switzerland]

MO-PM50 HF Aging Exercise

LECTURE ROOM: E107

Chair(s):

van der Ploeg, H. [Netherlands]

Hortobagyi, T. [Netherlands]

MO-PM50-1

EFFECT OF TAI CHI ON POSTURAL STABILITY AMONG ELDERLY MEN WITH DIZZINESS

Maciaszek, J. et al [Poland]

MO-PM50-2

EFFECT OF INTERMITTENT LOW INTENSITY AND HIGH SPEED POWER TRAINING ON THE RISK OF FALLS AND FRACTURES IN JAPANESE POSTMENOPAUSAL WOMEN

Hamaguchi, K. et al [Japan]

MO-PM50-3

DIFFERENCES IN THE CARDIOMETABOLIC RISK PROFILE OF OBESE VS. SARCOPENIC OBESE WOMEN SUBJECTED TO A MIXED WEIGHT-REDUCING PROGRAM

Garnier, S. et al [France]

MO-PM50-4

EFFECTS OF WALKING GROUPS ON OLDER ADULTS' AEROBIC ENDURANCE, LOWER BODY STRENGTH, WALKING AND SEDENTARY TIME: DIFFERENCES BETWEEN AN INDOOR AND AN OUTDOOR INTERVENTION.

Carrapatoso, S. et al [Portugal]

MO-PM50-5

PEDOMETERS AFFECT PHYSICAL FITNESS CHANGES DURING A FALL-PREVENTION PROGRAM IN OLDER JAPANESE ADULTS.

Jindo, T. et al [Japan]

MO-PM50-6

FACILITATORS AND BARRIERS TO CONTINUING GROUP EXERCISE ACTIVITIES IN OLDER JAPANESE ADULTS

Sato, A. et al [Japan]

MO-PM50-7

EFFECTS OF SQUARE-STEPPING EXERCISE ON PHYSICAL FUNCTION IN OLDER WOMEN WITH AND WITHOUT COGNITIVE DECLINE.

Abe, T. et al [Japan]

MO-PM50-8

"WALK MORE ACTIVE" - WALKING INTERVENTION FOR OLDER ADULTS: RATIONALE AND DESIGN

Bento, T. et al [Portugal]

MO-PM50-9

AEROBIC EXERCISE FOR IMPROVING MUSCULAR STRENGTH AND FUNCTIONAL PHENOTYPES IN OLDER ADULTS: A SYSTEMATIC REVIEW

Jones, T.W. et al [United Kingdom]

MO-PM50-10

THE EFFECT OF A LIFESTYLE INTERVENTION PROGRAM ON PHYSICAL ACTIVITY LEVEL AND STEP COUNTS IN OLDER LATINA WOMEN

Sebastiao, E. et al [United States]

MO-PM51 HF Training

LECTURE ROOM: E108

Chair(s):

Sandbakk, Ø. [Norway]

Perret, C. [Switzerland]

MO-PM51-1

IMPACT OF HIGH INTENSITY INTERVAL TRAINING <HIIT> AND / OR SELENIUM <SE> SUPPLEMENTATION ON OXIDATIVE STRESS AND ANTIOXIDANT STATUS IN ACTIVE FEMALES.

Keane, K. et al [United Kingdom]

MO-PM51-2

CHARACTERIZATION OF THE PHYSIOLOGIC CHANGES IN AN INDOOR CYCLING PROGRAM - RAW POWER IN MOTION @

Cerca, L. et al [Portugal]

MO-PM51-3

THE DIFFERENCES IN THE EMG AMPLITUDE PARAMETERS DESCRIBING PELVIC FLOOR MUSCLES EXERCISE TECHNIQUE AFTER 6-WEEKS TRAINING PROGRAMME AMONG FUTURE EXERCISE PROFESSIONALS - A RANDOMIZED CONTROLLED TRIAL

Szumilewicz, A. [Poland]

MO-PM51-4
THE EFFECT OF RPM<TM> DURATION ON THE EXCESS POST-EXERCISE OXYGEN CONSUMPTION. COMPARISON BETWEEN SHORT SESSION VS. COMPLETE SESSION
Raposo, F. et al [Portugal]

MO-PM51-5
EFFECTS OF 8-WEEK FITNESS-BOOT CAMP TRAINING ON BODY COMPOSITION IN UNTRAINED WOMEN: A CONTROLLED TRIAL
Mierau, J. et al [Germany]

MO-PM51-6
THE INFLUENCE OF A SIX WEEK EXERCISE INTERVENTION ON THE PULMONARY OXYGEN UPTAKE KINETICS IN PRE-PUBERTAL OBESE AND NORMAL WEIGHT CHILDREN
McNarry, M. et al [United Kingdom]

MO-PM51-7
THE EFFECT OF WEARING A CUSTOM-MADE MOUTHPIECE ON BMX PERFORMANCE
Smit, A. [Netherlands]

MO-SH18 Physical Activity & Age

LECTURE ROOM: G108
Chair(s):
van Poppel, M. [Netherlands]
Hedenborg, S. [Sweden]

MO-SH18-1
THE EFFECT OF SPORT ON QUALITY OF LIFE IN PARENTS WHO HAVE DISABLED CHILDREN
Karakas, G. et al [Turkey]

MO-SH18-2
LEISURE AND INFANCY IN BRAZIL - BOLIVIA BORDER
Loro, A. et al [Brazil]

MO-SH18-3
REPRODUCTION OF INACTIVITY AMONG HUNGARIAN YOUTH BETWEEN 2000-2012
Perenyi, S. [Hungary]

MO-SH18-4
THE IMPACT OF STRUCTURAL CONDITIONS IN COMMUNES ON PHYSICAL ACTIVITY AND SPORTS BEHAVIOUR OF ADOLESCENTS AND YOUNG

ADULTS IN SWITZERLAND
Klostermann, C. et al [Switzerland]

MO-SH18-5
MALMÖ YOUTH SPORT STUDY – GENDER POSITIONS IN SCHOOL SPORT
Larneby, M. [Sweden]

MO-PM52 Sports Medicine 1

LECTURE ROOM: G109
Chair(s):
Zemkova, E. [Slovakia]
Buffart, L. [Netherlands]

MO-PM52-1
IMMEDIATE EFFECTS OF BREAKING UP SEDENTARY BEHAVIOUR
Engeroff, T. et al [Germany]

MO-PM52-2
ASSESSMENT OF MATURITY IN YOUTH SPORTS USING DXA-DERIVED HAND SCANS
Romann, M. et al [Switzerland]

MO-PM52-3
EFFECT OF TOURNIQUET CHARACTERISTICS ON THIGH MUSCLES BLOOD FLOW RESTRICTION
Grapar Zargi, T. et al [Slovenia]

MO-PM52-4
ACUTE EFFECT OF YOGA TRAINING ON THE ALPHA BRAIN WAVES IN WOMEN WITH PMS
Lin, T.Y. et al [Taiwan]

MO-PM52-5
WHAT IS EVIDENCE-BASED ABOUT MYOFASCIAL CHAINS? A SYSTEMATIC REVIEW
Wilke, J. et al [Germany]

MO-PM52-6
SHORT-TERM EFFECTS OF ACUPUNCTURE AND STRETCHING ON MYOFASCIAL TRIGGER POINT PAIN OF THE NECK: A DOUBLE-BLIND, PLACEBO-CONTROLLED RCT
Fleckenstein, J. et al [Germany]

MO-PM52-7
VALIDATION OF A MODIFIED STEP TEST FOR DETERMINATION OF MAXIMUM OXYGEN UPTAKE
Fisch, M. et al [Germany]

MO-PM52-8
COLD WATER IMMERSION ON RECOVERY FROM EXERCISE-INDUCED MUSCLE DAMAGE
Siqueira, A.F. et al [Brazil]

MO-PM52-9
AEROBIC EXERCISE AMELIORATES THE IMPAIRED MOTOR COORDINATION IN LACTATIONAL SODIUM METAVANADATE-EXPOSED RATS
Wang, D.C. et al [Taiwan]

MO-SH19 Athletes, Achievements & Development

LECTURE ROOM: G110
Chair(s):
Pijpers, R. [Netherlands]
Carlsen, K. [Norway]

MO-SH19-1
PRACTICE OF RAMADAN FASTING IN MUSLIM FOOTBALL PLAYERS PARTICIPATING IN OLYMPICS <LONDON 2012>
Farooq, A. et al [Qatar]

MO-SH19-2
RELATIVE AGE EFFECTS AND IMPACT ON PERFORMANCE: A STUDY OF SWEDISH U15 DISTRICT SOCCER TEAMS
Söderström, T. et al [Sweden]

MO-SH19-3
THE PROFILE OF MARATHONERS FROM SÃO PAULO INTERNATIONAL MARATHON
Benetti, M. et al [Brazil]

MO-SH19-4
INFLUENCE OF PARENTS ON CHILDREN'S ATTITUDES TOWARD DIFFERENT KINDS OF SPORTS
Celiksoy, S. [Turkey]

MO-SH19-5
RUGBY FOOTBALL: THE BEGININGS IN PORTUGAL AND IN BRAZIL
Alpuim, J. [Brazil]

MO-SH19-6
POLISH ATHLETICS AS A EUROPEAN NEIGHBOURHOOD AND PARTNERSHIP INSTRUMENT
Kisiel, J. [Poland]

Mini-Oral Presentations

Friday, July 4th, 2014

15:00 - 16:00 Slot B

MO-PM53 PH Endurance Exercise

LECTURE ROOM: AUDITORIUM
Chair(s):
Willems, M. [United Kingdom]

MO-PM53-1
MAXIMAL OXYGEN UPTAKE IS ASSOCIATED WITH RESTING ENDIASTOLIC VOLUME IN PREUBERTAL CROSS-COUNTRY SKIERS
Hallén, J. et al [Norway]

MO-PM53-2
EFFECT OF MARATHON RACE ON ADHESION MOLECULES AND APOPTOSIS RECEPTORS OF NEUTROPHILS.
Cury-Boaventura, M.F. et al [Brazil]

MO-PM53-3
INTAKE, SERUM AND URINE CONCENTRATIONS OF ESSENTIAL TRACE ELEMENTS IN ENDURANCE RUNNERS.
Crespo, C. et al [Spain]

MO-PM53-4
THE OUTSTANDING RUNNING ECONOMY OF ERITREAN RUNNERS IS NOT A BIOMECHANICALLY BASED PHENOMENON.
OLIVAN, J. et al [Spain]

MO-PM53-5
THE EFFECTS AND DIFFERENCES OF SPRINT INTERVAL TRAINING, ENDURANCE TRAINING AND THE TRAINING TYPES COMBINED ON PHYSIOLOGICAL PARAMETERS AND EXERCISE PERFORMANCE
Hurst, R.A. et al [United Kingdom]

MO-PM53-6
SWIMMING PATTERN OF RATS IN THE MAXIMAL LACTATE STEADY STATE TEST BY AN APPARATUS OF TETHERED SWIMMING
dos Reis, I.G.M. et al [Brazil]

MO-PM53-7
EFFECTS OF A OF PROLONGED EXERCISE SESSION ON BLOOD-BRAIN BARRIER INJURY OF ATHLETES

AND NON-ATHLETES INDIVIDUALS
Uba Chupel, M. et al [Brazil]

MO-PM53-8
ENERGY SYSTEM CONTRIBUTIONS AND DETERMINANTS OF PERFORMANCE IN CLASSICAL SPRINT CROSS-COUNTRY SKIING
Andersson, E. et al [Sweden]

MO-PM53-9
ENZYME ACTIVITY AND GENE EXPRESSION OF CREATINE KINASE DURING AND AFTER A TENNIS MATCH: PRELIMINARY RESULTS
Hoppe, M.W. et al [Germany]

MO-BN18 Muscle Fatigue

LECTURE ROOM: FORUM
Chair(s):
Nosaka, K. [Australia]
Enoka, R. [United States]

MO-BN18-1
DOES DECREASED INITIAL MVC FORCE AFFECTS TIME TO TASK FAILURE?
Matkowski, B. et al [France]

MO-BN18-2
ACUTE EFFECTS OF PAROXETIN ADMINISTRATION ON PARAMETERS OF NEUROMUSCULAR FATIGUE
Knicker, A.J. et al [Germany]

MO-BN18-3
THE INFLUENCE OF SHORT SLEEP ON RECOVERY FROM LOW-FORCE FATIGUING CONTRACTION
Shioda, K. et al [Japan]

MO-BN18-4
MECHANISMS ASSOCIATED WITH TASK FAILURE DURING ISOMETRIC KNEE EXTENSION EXERCISE AT A FIXED WORKLOAD
Froyd, C. et al [Norway]

MO-BN18-5
THE USE OF COMPRESSION STOCKINGS DO NOT IMPROVE MUSCULAR PERFORMANCE DURING A MARATHON
Del Coso, J. [Spain]

MO-BN18-6
ELECTRICALLY INDUCED TORQUE DECREASE DOES NOT ONLY REFLECT MUSCLE FATIGUE
Papaiordanidou, M. et al [France]

MO-BN18-7
FATIGUE ALTERS REFLEXIVE MUSCULAR ACTIVITY AROUND KNEE JOINT DURING FRONTAL PLAN PERTURBATION
Hassanlouei, H. et al [Denmark]

MO-BN18-8
STRATEGIES OF CONTROL AND INHERENT CHARACTERISTICS OF THE INDIVIDUALS IN BALANCE TASKS.
Caballero, C. et al [Spain]

MO-PM54 Biochemistry

LECTURE ROOM: EMERALD
Chair(s):
Wüst, R. [Netherlands]
Bowtell, J. [United Kingdom]

MO-PM54-1
CHRONIC INFLAMMATION AND NEUTROPHIL ACTIVATION AS POSSIBLE CAUSES OF JOINT DISEASES IN BALLET DANCERS
Hatanaka, E. et al [Brazil]

MO-PM54-2
DESCRIBING THE ANTIOXIDANT DEFENCE AFTER PLAYING A SOCCER MATCH
Gravina, L. et al [Spain]

MO-PM54-3
THE EFFECTS OF IRON SUPPLEMENTATION ON ANTIOXIDANT ACTIVITY FOLLOWING AN ACUTE ECCENTRIC EXERCISE BOUT
Deli, C.K. et al [Greece]

MO-PM54-4
DECREASING MUSCLE INJURY AND INFLAMMATION IN WORLD-CLASS FEMALE WRESTLERS: A LONG-TERM SPORTOMICS STUDY.
Bachini, F. et al [Brazil]

MO-PM54-5
THE EFFECTS OF AN ACUTE AEROBIC EXERCISE BOUT ON BETA ENDORPHIN AND LACTIC ACID IN ALCOHOLIC PATIENTS
Manthou, E. et al [Greece]

MO-PM54-6
OXIDATIVE STRESS IN CANCER CACHEXIA : PREVENTIVE EFFECTS OF ANTIOXIDANTS ?
Rebillard, A. [France]

MO-PM54-7
COX4I2 EXPRESSION POST EXERCISE IS MODIFIED BY ANGIOTENSIN CONVERTING ENZYME
van Ginkel, S. et al [United Kingdom]

MO-PM55 TT Fatigue

LECTURE ROOM: E102
Chair(s):
Place, N. [Switzerland]
Duchateau, J. [Belgium]

MO-PM55-1
AN EVALUATION OF METABOLIC RESPONSES BY TIME CONSTANT VALUE DURING POST EXERCISES USING DIFFERENT LOADS CONDITIONS
Sasaki, T. et al [Japan]

MO-PM55-2
MUSCLE ACTIVATION AND KINEMATICS DURING INCREMENTAL IN-LINE SLIDE BOARD SKATING TEST: A PRELIMINARY STUDY
Piucco, T. et al [Brazil]

MO-PM55-3
INFLUENCE OF LOAD AND DURATION ON MAXIMAL LACTATE PRODUCTION RATE IN SUPRAMAXIMAL SPRINTS
Niessen, M. et al [Germany]

MO-PM55-4
EFFECTS OF REPEATED SPRINT AND CHANGE-OF-DIRECTIONS ABILITIES ON NEUROMUSCULAR FATIGUE IN BASKETBALL PLAYERS.
Jorge, J. et al [Spain]

MO-PM55-5
THE INFLUENCE OF PHYSICAL CONTACT ON THE EXTERNAL AND INTERNAL DEMANDS DURING SIMULATED RUGBY LEAGUE MATCH PLAY
Twist, C. et al [United Kingdom]

MO-PM55-6
FATIGUE INDEX REPRODUCIBILITY IN ISOKINETIC TESTING
Paulus, J. et al [Belgium]

MO-PM55-7
INFLUENCE OF CAFFEINE IN GLUCOSE AND PEAK FORCE LEVELS AFTER ANAEROBIC EXERCISE
Rezende, T.M. et al [Brazil]

MO-PM55-8
EFFECTS OF INTERMITTENT NEGATIVE PRESSURE THERAPY OF LOWER-BODY ON RECOVERY AFTER PLYOMETRIC EXERCISE
Sarabon, N. et al [Slovenia]

MO-BN19 BM Ageing

LECTURE ROOM: G102
Chair(s):
Cortis, C. [Italy]
Stathi, A. [United Kingdom]

MO-BN19-1
CAN THE CALF-RAISE TEST KINEMATICS PREDICT FUNCTIONAL FITNESS IN ELDERLY? - AN ELECTROMYOGRAPHIC APPROACH
Moço, A. et al [Portugal]

MO-BN19-2
CONTROL OF THE CENTRE OF MASS DURING DIFFERENT STAIR DESCENT STRATEGIES IN THE ELDERLY
King, S.L. et al [United Kingdom]

MO-BN19-3
STRENGTH TRAINING FAILED TO IMPROVE GAIT BIOMECHANICS IN HEALTHY OLD ADULTS
Beijersbergen, C. et al [Netherlands]

MO-BN19-4
WHOLE BODY VIBRATION HAS A STRONGER INFLUENCE ON LEG MUSCLE ACTIVITY IN OLDER ADULTS COMPARED TO YOUNG ADULTS
Vienneau, J. et al [Canada]

MO-BN19-5
LOWER SAFETY FACTOR FOR OLD ADULTS DURING WALKING AT PREFERRED VELOCITY
Mademli, L. et al [Greece]

MO-BN19-6
GAIT BIOMECHANICAL PARAMETERS RELATED WITH FALLS IN RHEUMATOID ARTHRITIS POST-MENOPAUSAL WOMEN WITH AND WITHOUT FALLS HISTORY
Aleixo, P. et al [Portugal]

MO-BN19-7
ANALYSIS OF IMPACT DECELERATION IN ADULTS OVER 50 YEARS DURING WALKING AND NORDIC WALKING
Aparicio, I. et al [Spain]

MO-BN19-8

DIFFERENCES IN GAIT PERFORMANCE, QUADRICEPS STRENGTH, AND FEAR OF FALLING BETWEEN FALLERS AND NON-FALLERS IN WOMEN WITH OSTEOPOROSIS

Stief, F. et al [Germany]

MO-BN19-9

EFFECTS OF AGING ON NEUROMUSCULAR REACTION TIME IN KARATE ATHLETES

Fernandes, R. et al [Portugal]

MO-PM56 Nutrition & Energy Metabolism

LECTURE ROOM: G103

Chair(s):

Verdijk, L. [Netherlands]

Flouris, A. [Greece]

MO-PM56-1

THE EFFECT OF HIGH VERSUS LOW CONCENTRATION MALTODEXTRIN-FRUCTOSE INGESTION DURING A SIMULATED 30-KM CROSS-COUNTRY SKI RACE

McGawley, K. et al [Sweden]

MO-PM56-2

EFFECT OF COMBINED CARBOHYDRATE FEEDING DURING PROLONGED HIGH-INTENSITY INTERMITTENT EXERCISE ON EXERCISE PERFORMANCE IN YOUTH SOCCER PLAYERS

Miliotis, P. et al [Greece]

MO-PM56-3

THE EFFECT OF MASTIC AND PHYSICAL ACTIVITY EXERT AS A FACTOR RELATED TO LIPID METABOLISM, GLUCOSE METABOLISM AND BODY COMPOSITION

Fukazawa, T. et al [Japan]

MO-PM56-4

PRIOR LOW- OR HIGH-INTENSITY EXERCISE ALTERS PACING STRATEGY, ENERGY DISTRIBUTION AND PERFORMANCE DURING A 4-KM CYCLING TIME TRIAL

Correia Oliveira, C. et al [Brazil]

MO-PM56-5

THE EFFECTS OF LOW- & HIGH- GLYCEMIC INDEX FOODS ON SIMULATED TEAM SPORTS PERFORMANCE

Jaafar, M. [Singapore]

MO-PM56-6

EFFECTS OF AN ENERGY DRINK ON ELITE SPEED-SWIMMERS

Lara, B. et al [Spain]

MO-PM56-7

BIA MODELS TO ASSESS TOTAL BODY AND EXTRACELLULAR HYDRATION IN ATHLETES

Matias, C.N. et al [Portugal]

MO-SH20 Coaching 2

LECTURE ROOM: G104

Chair(s):

Hettinga, F. [United Kingdom]

MO-SH20-1

THE EFFECT OF DURATION ON THE EXERCISE INTENSITY AND THE ACCURACY OF SKILL IN THE FIELDING PRACTICE OF BASEBALL

Goro, M. et al [Japan]

MO-SH20-2

THE PHYSIOLOGICAL AND BIOMECHANICAL ANALYSIS OF 3 KINDS OF COACHING METHOD OF ENDURANCE RUNNINGS IN JAPANESE JUNIOR HIGH SCHOOL

Kenta, N. et al [Japan]

MO-SH20-3

ANALYSIS AND COMPARISON BY GENDER OF LACTATE PRODUCTION IN YOUNG BREASTSTROKE SWIMMERS

Ciapparelli, C. et al [Italy]

MO-SH20-4

POSTURAL CONTROL AND BALANCE. EFFECTS OF PROPRIOCEPTIVE FITNESS TRAINING IN A GROUP OF ADULTS.

Nart, A. et al [Italy]

MO-SH20-5

THE RELATIONSHIP BETWEEN SCORE AND POSITIONS OF SPORT CLUB TENNIS PLAYERS IN DOUBLES MATCH

Yoo, H. et al [Korea, South]

MO-SH20-6

TACTICAL SKILLS INVENTORY FOR SPORTS IN YOUTH BASKETBALL: PORTUGUESE VERSION AND EXTRACTION OF THE 4-FACTOR STRUCTURE

Ribeiro Junior, D.B. et al [Brazil]

MO-SH20-7

FUNCTIONAL CHANGES OF THE MUSCULOSKELETAL SYSTEM OF ATHLETES

Solovjova, J. [Latvia]

MO-SH21 Skill Acquisition

LECTURE ROOM: G105

Chair(s):

Oudejans, R. [Netherlands]

Mann, D. [Netherlands]

MO-SH21-1

THE DIFFERENT CORTICAL CHARACTERISTICS BETWEEN SUCCESSFUL AND UNSUCCESSFUL PUTTS IN GOLF NOVICES

Shen, C. et al [Taiwan]

MO-SH21-2

EXPLORING THE PERCEPTUAL AND TACTICAL MERITS OF ANTICIPATION PROCESSES

Mecheri, S. et al [France]

MO-SH21-3

EXAMINING CENTRAL VS. PERIPHERAL VISION IN GOLF PUTTING USING A SPATIAL OCCLUSION DESIGN.

Vine, S. et al [United Kingdom]

MO-SH21-4

QUIET EYE AND CHOKING: ONLINE CONTROL DOES NOT BREAK DOWN AT THE POINT OF PERFORMANCE FAILURE

Ruffault, A. et al [France]

MO-SH21-5

ASSOCIATIVE THOUGHT CONTENTS DYNAMICS DURING EXERCISE IN TRAINED RUNNERS

Balagué, N. et al [Spain]

MO-SH21-6

NORMOXIC HYPOXIC TRAINING PROMOTES THE COGNITIVE PERFORMANCE OF OLDER PEOPLE

Törpel, A. et al [Germany]

MO-SH21-7

MEASURING SKILL IN RUGBY UNION AS PART OF THE STANDARD TEAM TESTING BATTERY

Hendricks, S. et al [South Africa]

MO-PM57 TT Body Composition

LECTURE ROOM: G106

Chair(s):

Close, G. [United Kingdom]

Perret, C. [Switzerland]

MO-PM57-1

USING LOWER LIMBS VOLUMES ASSESSED BY DUAL ENERGY X-RAY ABSORPTIOMETRY AS SIZE DESCRIPTOR IN ALLOMETRIC MODELLING OF PEAK OXYGEN UPTAKE IN ADOLESCENT MALE SOCCER PLAYERS AGED 13-15 YEARS

Coelho e Silva, M. et al [Portugal]

MO-PM57-2

NATIONAL FOOTBALL LEAGUE <NFL> VS ITALIAN FOOTBALL LEAGUE <IFL>: COMPARISON OF BODY SIZE/COMPOSITION AND PERFORMANCE CHARACTERISTICS

Vitale, J. et al [Italy]

MO-PM57-3

IMPLEMENTING A COMBINED PHYSICAL ACTIVITY/LOW CALORIC DIET DAILY REGIMEN FOR OBESE PEOPLE

Panayotov, V. [Bulgaria]

MO-PM57-4

ASSESSMENT OF PHYSICAL PERFORMANCE ALTERATION DUE TO PRE-SEASONAL TRAINING IN ELITE FOOTBALL LEAGUE PLAYERS

Michaelides, M. et al [Cyprus]

MO-PM57-5

PHYSICAL AND PHYSIOLOGICAL CHARACTERISTICS IN CHILDREN INVOLVING VOLLEYBALL TRAINING

Karanastasis, G. et al [Greece]

MO-PM57-6

VALIDITY OF ADULT STATURE PREDICTION, AND PERCENTAGE OF ADULT STATURE ESTIMATION, USING KHAMIS AND ROCHE METHOD, IN A SAMPLE OF PORTUGUESE CHILDREN AND ADOLESCENTS OF BOTH SEXES.

Fragoso, I. et al [Portugal]

MO-PM57-7

IMPACT OF A REGIMEN CONSISTING OF PHYSICAL ACTIVITY AND ENERGY DEFICIENT DIET ON CARDIOVASCULAR FITNESS AND BLOOD CHOLESTEROL AND GLUCOSE CONCENTRATIONS IN OBESE PEOPLE

Petkov, K. [Bulgaria]

MO-PM57-8

RELATIONSHIP BETWEEN ANTROPOMETRY AND PHYSICAL PERFORMANCE IN TURKISH ADOLESCENTS

Yilmaz, A. et al [Turkey]

MO-BN20 Motor Control & Learning 5

LECTURE ROOM: G107

Chair(s):

Cholewicki, J. [United States]

Chaudhari, A. [United States]

MO-BN20-1

SLEEP BENEFITS ADAPTATION OF A GROSS-MOTOR SKILL

Birkbauer, J. et al [Austria]

MO-BN20-2

PARSIMONY PRINCIPLES IN ANTICIPATORY POSTURAL ADJUSTMENTS FOLLOWING LONG-TERM MOTOR TRAINING

Iodice, P. et al [Italy]

MO-BN20-3

THE EFFECT OF A VARIABILITY TRAINING DEVICE ON PHYSIOLOGICAL PARAMETERS IN MALE RUNNERS BEFORE AND AFTER ACCOMMODATION

Haudum, A. et al [Austria]

MO-BN20-4

THE GENETIC POLYMORPHISM OF A DOPAMINERGIC ENZYME AFFECTS MOTOR SKILL AUTOMATIZATION

Krause, D. et al [Germany]

MO-BN20-5

EVENT-RELATED EEG CHANGES DURING MOTOR ADAPTATION

Thürer, B. et al [Germany]

MO-BN20-6

ACUTE EFFECTS OF A NOVEL TREADMILL DEVICE ON GAIT AND POSTURAL CONTROL IN PERSONS WITH PARKINSON'S DISEASE

Bernhardt, S. et al [Germany]

MO-BN20-7

INVESTIGATION OF DYNAMICAL SYSTEMS PHENOMENA IN DISCRETE ACTIONS EXEMPLIFIED BY A TABLE-TENNIS TASK

Wan Zakariah, W.R. et al [Singapore]

Mini-Oral Presentations

MO-BN20-8

CHANGES IN ERROR VARIABILITY ACCORDING TO ACCURACY REQUIREMENTS. INTERPRETING THE ROLE OF INTENTION.

Urbán, T. et al [Spain]

MO-BN20-9

INTERMITTENT PRACTICE AFFECTS ACQUISITION AND RETEST PERFORMANCE IN FORCE FIELD ADAPTATION TASKS

Stockinger, C. et al [Germany]

MO-PM58 PH Fat & Glucose Metabolism

LECTURE ROOM: E103

Chair(s):

Hunter, S. [United States]

Miyashita, M. [Japan]

MO-PM58-1

EFFECTS OF THREE SELECTED DIETS & EXERCISE PROGRAMS ON LIPID PROFILE AND SERUM LEPTIN LEVELS OF OBESE AND OVERWEIGHT WOMEN

Minasian, V. [Iran]

MO-PM58-2

INTRAMYOCYELLULAR TRIACYLGLYCEROL, ABDOMINAL FAT DEPOTS AND ENERGY EXPENDITURE: LARGE-SCALE MAGNETIC RESONANCE IMAGING <MRI> STUDY

Gepner, Y. et al [Israel]

MO-PM58-3

EFFECTS OF GUARANA INGESTION ON EXERCISE LIPID METABOLISM AND ANTIOXIDANT POTENTIAL IN OVERWEIGHT MALES

Hsieh, S.S. et al [Taiwan]

MO-PM58-4

COMPARATIVE EFFECTS OF EIGHT WEEKS OF AEROBIC EXERCISE AND VITAMIN E ON THE NON ALCOHOLIC FATTY LIVER DISEASE <NAFLD> IN HIGH SCHOOL STUDENTS OF SHAHROOD

Younesian, A. et al [Iran]

MO-PM58-5

FAT OXIDATION DURING AND AFTER MODERATE- AND LOW- INTENSITY EXERCISE: FOCUSED ON THE INTENSITY OF MAXIMAL FAT OXIDATION

Tabata, H. et al [Japan]

MO-PM58-6

EFFECTS OF REPETITIVE SHORT-TERM HYPOXIC TRAINING ON METABOLIC RISK FACTORS

Ogita, F. [Japan]

MO-PM58-7

ARE CAPE PENINSULA BABOONS RAIDING THEIR WAY TO OBESITY AND TYPE II DIABETES? A COMPARATIVE STUDY

Kohn, T.A. et al [South Africa]

MO-PM58-8

EFFECTS OF CIRCADIAN RHYTHM AND ACUTE ENDURANCE EXERCISE ON BLOOD GLUCOSE AND SALIVARY CORTISOL

Ando, K. et al [Japan]

MO-PM59 Physical Education & Health

LECTURE ROOM: E104

Chair(s):

Eckert, K. [Germany]

Dikemüller, R. [Austria]

MO-PM59-1

TEKO - SAFETY IN SCHOOL SPORTS PROJECT'S EVALUATION

Jussila, A. et al [Finland]

MO-PM59-2

KNOWLEDGE OF AND DEALING WITH SWIMMING DURING MENSTRUATION –GIRL SWIMMERS AND COACHES-

Fujiwara, Y. et al [Japan]

MO-PM59-3

EMPIRICAL EVALUATION OF THE HEALTH PROMOTION PROGRAMME "HEALTHYPEP" IN PHYSICAL EDUCATION

Demetriou, Y. et al [Germany]

MO-PM59-4

EFFECTIVENESS OF A HYDRATION EDUCATION PROGRAMME ON HYDRATION KNOWLEDGE AND BEHAVIOURS OF ADOLESCENT MALE FIELD HOCKEY PLAYERS

Chia, M. et al [Singapore]

MO-PM59-5

WHAT'S HEALTH FOR YOUTHS IN THE AGE OF FIFTEEN?

Ahlberg, A. [Sweden]

MO-PM59-6

THE PLAY ON THE FIELD—THE RELATION BETWEEN THE SUBJECT OF PHYSICAL EDUCATION AND HEALTH AND LEISURE TIME SPORTS

Londos, M. [Sweden]

MO-PM59-7

PHYSICAL ACTIVITY OF GIRLS AND BOYS IN OUT-DOOR PLAY AREAS OF KINDERGARTEN

Dikemüller, R. et al [Austria]

MO-PM59-8

THE EFFICACY OF INTERNET-BASED PHYSICAL ACTIVITY PROMOTION PROGRAMME AMONG SECONDARY STUDENTS

Leung, F. et al [Hong Kong]

MO-PM59-9

PEAK VO₂ IN PREPUBERTAL AND PUBERTAL GIRLS DURING A MAXIMAL LABORATORY TREADMILL TEST: DIFFERENCES BETWEEN SWIMMING PRACTITIONERS AND GIRLS WITHOUT ANY SPORT PRACTICE

Rodrigues Ferreira, M.A. et al [Portugal]

MO-PM60 PH Performance Modification

LECTURE ROOM: E105-106

Chair(s):

Hopkins, W. [Australia]

MO-PM60-1

HYPEROXIA AFTER MAXIMAL EXERCISE ACCELERATES THE SKIERS RECOVERY

Koryagina, U. et al [Russia]

MO-PM60-2

HOUSING CONDITIONS INFLUENCE THE POSITIVE EFFECTS OF SPONTANEOUS RUNNING ON BRAIN MONOAMINE LEVELS IN RATS

Yanagita, S. et al [Japan]

MO-PM60-3

TRAINING LOAD AND RECOVERY IN ELITE SYNCHRONIZED SWIMMING

Schaal, K. et al [France]

MO-PM60-4

THE EFFECT RAMADAN FASTING ON PEAK OXYGEN UPTAKE WHILE WALKING/RUNNING AND CYCLING

Al Rahamneh, H. [Jordan]

MO-PM60-5

THE EFFECT OF PHYSICAL EXERCISE UNDER HIPOXIC CONDITION IMPROVES SLEEP QUALITY

Lemos, V.A. et al [Brazil]

MO-PM60-6

EFFICACY OF INGESTING A NOVEL REHYDRATION SOLUTION DURING EXERCISE AND RECOVERY

Fan, P.W. et al [Singapore]

MO-PM60-7

CARDIOVASCULAR TIME COURSES DURING MAXIMAL DRY APNEA IN OXYGEN

Sivieri, A. et al [Italy]

MO-PM61 HF Ageing Cognitive

LECTURE ROOM: E107

Chair(s):

Mierau, A. [Germany]

Brown, W. [Australia]

MO-PM61-1

EFFECTS OF COMBINED TRAINING OF PHYSICAL ACTIVITY AND INTELLECTUAL ACTIVITY ON COGNITIVE FUNCTION AND PHYSICAL FITNESS IN HEALTHY OLDER ADULTS.

Shimura, Y. et al [Japan]

MO-PM61-2

RELATIONSHIP BETWEEN THE PERFORMANCE OF FUNCTIONAL FITNESS AND GLOBAL COGNITIVE FUNCTION IN THE COMMUNITY-DWELLING OLDER ADULTS IN TAIWAN.

Yang, S.Y. et al [Taiwan]

MO-PM61-3

PROGRESSIVE RESISTANCE TRAINING IMPROVES EXECUTIVE COGNITIVE FUNCTION IN A HEALTHY ELDERLY POPULATION

Coetsee, C. et al [South Africa]

MO-PM61-4

DUAL TASK PERFORMANCE: AGE-RELATED DIFFERENCE IN YOUNG AND OLDER WOMEN

Brustio, P.R. et al [Italy]

MO-PM61-5

DEVELOPMENT OF A PROTOCOL FOR ASSESSING FUNCTIONAL AUTONOMY FOR THE ELDERLY: IS THE COGNITIVE AND SENSORY DIMENSION A CONFOUNDING FACTOR FOR THE ANALYSIS OF THIS DIMENSION?*

Furtado, G.E. et al [Portugal]

MO-PM61-6

GENDER AND PHYSICAL ACTIVITY AS DETERMINANTS OF PERCEIVED HEALTH STATUS IN THE SEPTUAGENARIANS TO NONAGENARIANS

Rodrigues, T.M. et al [Portugal]

MO-PM61-7

DEVELOPMENT OF DIFFERENT EXERCISE PROGRAMS IN INSTITUTIONALIZED ELDERLY PATIENTS WITH MILD COGNITIVE IMPAIRMENT: A PRELIMINARY STUDY FOR A PROJECT ON HORMONAL MEDIATION OF EXERCISE ON COGNITION*

Pedrosa, A.F.M. et al [Portugal]

MO-PM61-8

DIFFERENT KINDS OF PHYSICAL EXERCISE FOR THE PREVENTION OF DEMENTIA <EPD> IN OLDER ADULTS

Fiorilli, G. et al [Italy]

MO-PM61-9

PHYSICAL ACTIVITY LEVELS OF ADULTS AND SENIORS WITH INTELLECTUAL DISABILITY

Oviedo, G.R. et al [Spain]

MO-PM62 Sports Physiology

LECTURE ROOM: E108

Chair(s):

Levels, K. [Netherlands]

Racinais, S. [Qatar]

MO-PM62-1

PHYSICAL TESTING AS A METHOD FOR DISCRIMINATING ELITE AND NON-ELITE JUNIOR MALE CRICKETERS.

Paul, J. et al [United Kingdom]

MO-PM62-2

OXYMETRY, TIME-MOTION AND OTHER INDICATORS OF EXERTION IN ELITE HANDBALL REFEREES DURING AN OFFICIAL MATCH

Estriga, M. et al [Portugal]

MO-PM62-3

TIME-COURSE OF PHYSIOLOGICAL AND RATING OF PERCEIVED EXERTION RESPONSES DURING JUDO COMBATS

Julio, U.F. et al [Brazil]

MO-PM62-4

PREDICTION OF MOVEMENT INTENSITIES OF FOOTBALLERS FROM HEART RATE DURING ION

FOOTBALL MATCH PLAY
Gupta, S. et al [Barbados]

MO-PM62-5
SPECTATOR PERCEPTIONS OF PHYSICAL FACILITY
AND TEAM QUALITY: A STUDY OF A IRANIAN
SUPER LEAGUE BASKETBALL MATCH
Ayazi, M. [Iran]

MO-PM62-6
PHYSICAL AND PHYSIOLOGICAL DEMANDS WHEN
VARYING THE NUMBER OF TEAMMATES DUR-
ING FOOTBALL SMALL-SIDED GAMES PLAYED BY
PROFESSIONALS AND AMATEURS
Torres Ronda, L. et al [Spain]

MO-PM62-7
PHYSIOLOGICAL PROFILE OF ELITE ICE HOCKEY
PLAYER
Dostal, J. et al [Czech Republic]

MO-PM62-8
COGNITIVE FUNCTION IMMEDIATELY AFTER
MAXIMAL EXERCISE
Sudo, M. et al [Japan]

MO-SH22 Social Significance of Sports

LECTURE ROOM: G108
Chair(s):
Vaslin, P. [France]
Hedenborg, S. [Sweden]

MO-SH22-1
DESIGN AND VALIDATION OF A QUESTIONNAIRE
ON THE CREATION OF NATIONAL IDENTITY IN
FANS OF THE SPANISH NATIONAL FOOTBALL
TEAM <NIF-SNAFT>
Viuda Serrano, A. et al [Spain]

MO-SH22-2
FRAMING THE SPORTS COVERAGE: LONDON
OLYMPIC ISSUES IN JAPANESE NEWSPAPER
Ohhashi, M. [Japan]

MO-SH22-3
THE HOOLIGAN LANDSCAPE
Radmann, A. [Sweden]

MO-PM63 Sports Medicine 2

LECTURE ROOM: G109
Chair(s):
Schaffert, N. [Germany]
moen, m. [Netherlands]

MO-PM63-1
POSTURE, HEART AND VISION FEATURES IN GIRLS
OF RHYTHMIC AND AESTHETIC GROUP GYM-
NASTICS
Venetseva, Y. et al [Russia]

MO-PM63-2
INDIRECT ESTIMATION OF THIGH MUSCLE MASS
IN CHILEAN SOCCER PLAYERS VALIDATED BY DXA.
Zapata Gómez, D. et al [Chile]

MO-PM63-3
THE RELATIONSHIP BETWEEN FREE RADICALS AND
ANT AND VO2MAX IN PROFESIONAL SOCCER
PLAYERS
Handziski, Z. et al [Former Yugoslav Republic of
Macedonia]

MO-PM63-4
BONE MINERAL DENSITY IN ACTIVE AND FORMER
ELITE BALLET DANCERS
Amorim, T. et al [United Kingdom]

MO-PM63-5
THE EFFECT OF FINGER GRIP STRENGTH TO REAC-
TION TIME IN MOTORCYCLE SPORTS
Tekin, D. [Turkey]

MO-PM63-6
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LEUKOCYTES COUNT AND NGAL DURING THE
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Zeman, V. et al [Czech Republic]

MO-PM63-7
HIP KINEMATIC DURING INSIDE SOCCER KICK IN
SUBJECTS WITH A HISTORY OF GROIN INJURY
Takahashi, S. et al [Japan]

MO-PM63-8
VIDEO-BASED MARKER-LESS MOTION ANALYSIS
OF ERGOMETER ROWING USING STATISTICAL
MOTION FEATURES
Yoshikawa, F. et al [Japan]

MO-SH23 Intellectual Disabilities & Activity

LECTURE ROOM: G110
Chair(s):
Pate, R. [United States]

MO-SH23-1
AUTONOMIC CARDIAC REGULATION AT REST
AND IN EXERCISE IN PERSONS WITH INTELLEC-
TUAL DISABILITY
Sarabia, J.M. et al [Spain]

MO-SH23-2
CORRELATION OF AIR DISPLACEMENT PLETHYS-
MOGRAPHY WITH A FIELD-BASED BODY COMPO-
SITION TECHNIQUE IN INTELLECTUALLY DISABLED
ADULTS.
Boer, P. et al [South Africa]

MO-SH23-3
A SENSORY-MOTOR PROGRAMME FOR AUTISTIC
BOYS: TWO CASE STUDIES
Hagemann, C.R. et al [South Africa]

MO-SH23-4
THE BENEFITS OF TRAMPOLINE TRAINING ON
MOTOR PROFICIENCY AND BODY MASS INDEX IN
CHILDREN WITH AUTISM SPECTRUM DISORDERS
Lourenço, C. [Portugal]

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Adapted Physical Activity

EP-UD01-1

TABLE TENNIS SPECIFIC TESTS FOR CLASSIFYING INTERNATIONAL PLAYERS WITH INTELLECTUAL DISABILITIES

Wu, S.K. et al [Taiwan]

EP-UD01-2

FACTORS ASSOCIATED WITH PHYSICAL ACTIVITY IN JAPANESE ELDERLY PEOPLE: USING THE PHYSICAL ACTIVITY STANDARD VALUE FOR AGED 65 AND OVER IN THE PHYSICAL ACTIVITY GUIDE FOR HEALTH PROMOTION 2013 IN JAPAN.

Aiko, I. [Japan]

EP-UD01-3

METABOLIC AND CARDIAC STRAIN OF FINNISH AND SWEDISH OPEN-PIT MINERS

Oksa, J. et al [Finland]

EP-UD01-4

EFFECTS OF DIFFERENT MODALITIES OF WARM-UP ON PARALYMPIC 100-M FREESTYLE

Weissland, T. et al [France]

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EFFECT OF EXERCISE ON DUAL-TASK AND BALANCE ON ELDERLY IN MULTIPLE DISEASE CONDITIONS

Zanotto, T. et al [Italy]

EP-UD01-6

THE INVESTIGATION OF PHYSICAL ACTIVITY LEVELS OF DPU ACADEMICAL PERSONALS

EYNUR, A. et al [Turkey]

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THE ROLE OF PHYSICAL ACTIVITY COUNSELING AMONG SEDENTARY ADULTS IN FINLAND

Kivimäki, S. et al [Finland]

EP-UD01-8

CHANGES IN GROSS MOTOR SKILLS AFTER A 4-WEEK BALANCE TRAINING PROGRAMME IN AUTISTIC BOYS: A COL-

LECTIVE CASE STUDY

Africa, E. et al [South Africa]

EP-UD01-9

LOCOMOTOR AND OBJECT CONTROL SKILLS OF CHILDREN WITH INTELLECTUAL DISABILITY IN A DEVELOPING COUNTRY

Eguia, K.F. et al [Hong Kong]

EP-UD01-10

EFFECTS OF A 12-MONTHS SUPERVISED EXERCISE PROGRAM ON CARDIORESPIRATORY FITNESS, METABOLIC AND OXIDATIVE STRESS MARKERS IN TYPE 2 DIABETIC SUBJECTS

Vinetti, G. et al [Italy]

EP-UD01-11

EVALUATING THE EFFECTS OF SKIN COOLING ON H-REFLEX RECOVERY CURVE USING A DOUBLE STIMULATION METHOD

Yona, M. et al [Japan]

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Bertapelli, F. et al [Brazil]

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Sabido, R. et al [Spain]

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Reina, R. et al [Spain]

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EVALUATION OF SKELETAL MUSCLE OXIDATIVE METABOLISM IN ALZHEIMER DISEASE PATIENTS.

Bellistri, G. et al [Italy]

Biochemistry

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THE ANALYSIS OF MINERAL CRYSTALLINITY IN CORTICAL AREA OF TIBIA USING

OVARIETOMIZED RAT

Yuichi, N. et al [Japan]

EP-UD01-2

ASSESSMENT ON INFLAMMATORY MARKERS BEFORE AND AFTER A RUGBY TRAINING SESSION

Gutierrez, F. [Brazil]

EP-UD01-3

SIX WEEKS HIT DOES NOT CHANGE THE EXPRESSION OF MUSCLE FATTY ACID TRANSPORTER AND TG HANDLING PROTEINS

Søgaard, D. et al [Denmark]

EP-UD01-4

DEVELOPMENT AND CHARACTERIZATION OF STRENGTH TRAINING BY LADDER FOR RATS WITH A PULLEY SYSTEM

Costa, K.G. et al [Brazil]

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THE EFFECTS OF LOW-VOLUME HIIT AND AEROBIC EXERCISE ON REDOX STATUS PARAMETERS

Jamurtas, A. et al [Greece]

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THE WINNING OF AN OLYMPIC MEDAL IN MODERN PENTATHLON: NEW BORDERS OF SPORTS SCIENCES USING AN SPORTOMICS APPROACH

Magno França, A. et al [Brazil]

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THE LEVEL OF ACTN3 PROTEIN EXPRESSION DOES NOT INFLUENCE KNEE EXTENSOR STRENGTH

Nakamura, T. et al [Japan]

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ANALYSIS OF THE MITOCHONDRIAL EFFICIENCY IN RATS SUBMITTED TO AN OVERTRAINING MODEL

Ferraresso, R.L.P. et al [Brazil]

Biomechanics

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ASSESSMENT OF KNOWN KINEMATIC PREDICTORS OF FAST BOWLING PERFORMANCE AT BOTH THE START AND END

OF A CRICKET SEASON

Olivier, B. et al [South Africa]

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EFFECTS OF EIGHT-WEEK PLYOMETRIC TRAINING ON JUMPING HIGH AND SPECIFIC MOVEMENT PATTERNS IN BADMINTON PLAYERS

Felder, H. et al [Germany]

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A COMPARISON OF THE BADMINTON SPLIT AND CUT MOVEMENT WITH A PLANT AND CUT MOVEMENT

Reeves, J. et al [Netherlands]

EP-UD01-4

THE IMMEDIATE EFFECT OF DIFFERENT MANDIBULAR POSITIONS ON MUSCLE FORCE IN THE UPPER AND LOWER LIMBS. A PILOT STUDY IN ASYMPTOMATIC SUBJECTS

Isselée, H. et al [Belgium]

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Ishigaki, T. [Japan]

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RELATION BETWEEN KICKING FORCE AND POWER OUTPUT IN TAEKWONDO

Michalski, R. et al [Poland]

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EFFECTIVENESS OF ELBOW FLEXORS TRAINING ON MACHINE WITH VARIABLE-CAM AND DISC

Karczewska, M. et al [Poland]

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Villacieros, J. et al [Spain]

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Kirmse, M. et al [Germany]

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Hakamada, N. et al [Japan]

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Saito, M. et al [Japan]

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Péter, A. et al [Hungary]

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Kaneko, K. et al [Japan]

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Santos Rocha, R. et al [Portugal]

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Takenaka, S. et al [Japan]

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Blažević, I. et al [Croatia]

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FREQUENCIES

Levy, M. et al [United States]

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AN INITIAL INVESTIGATION OF KNEE-ALIGNMENT CORRELATES WITH JAPANESE UNIVERSITY STUDENT SAMPLE

Sogabe, A. et al [United States]

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Nowoisky, H. et al [Germany]

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SQUATTING EXERCISE

Lauber, B. et al [Germany]

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THE EFFECT OF HAMSTRING STRETCHING ON MUSCLE HARDNESS AND ISOKINETIC MUSCLE PERFORMANCE

Kato, E. et al [Japan]

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Fukano, M. et al [Japan]

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DOES THE ACTN3 GENOTYPE POLYMORPHISM UNDERLAY MUSCULAR STRENGTH IN YOUNG ICE HOCKEY

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Buśko, K. et al [Poland]

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BY PROFESSIONAL BALLERINAS WITH VARIOUS SKILL LEVELS.

Green, A. et al [South Africa]

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Lach, P. et al [Poland]

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SENSITIVITY OF A BALANCE TEST PRE-DOMINANT ACTIVITY OF THE LUMBO-PELVIC REGION OF THE BODY
Panjan, A. et al [Slovenia]

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Lussier, B. et al [Canada]

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Suzuki, Y. et al [Japan]

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COMPARISON OF ENDURANCE PERFORMANCE, SPATIOTEMPORAL STRIDE PARAMETERS AND GROUND REACTION FORCES IN RUNNERS WEARING TRADITIONAL AND MINIMALISTIC RUNNING SHOES
Lichtenstein, E. et al [Switzerland]

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Tanimoto, M. et al [Japan]

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Maganaris, C.N. et al [United Kingdom]

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FOOT SHAPE CHARACTERISTICS USING 3D ANTHROPOMETRY METHOD IN SPRINTER
Kashiwagi, Y. et al [Japan]

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Pirainen, J.M. et al [Finland]

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Graham Smith, P. et al [Qatar]

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Papatzika, F. et al [Germany]

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Nagahara, R. et al [Japan]

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EFFECTS OF CRANK FORCE AND VELOCITY TO THE ANAEROBIC POWER OUTPUT DURING MAXIMAL PEDALING.
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THE FORCE-VELOCITY RELATION OF MULTI-JOINT LEG EXTENSION IS NEITHER LINEAR NOR HYPERBOLIC
Hahn, D. [Germany]

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Deflandre, D. et al [Belgium]

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Ringhof, S. et al [Germany]

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EVALUATION OF SPATIO-TEMPORAL GAIT PARAMETERS WITH AND WITHOUT A PREGNANCY BODYSUIT
Lucciola, A.Q. et al [Italy]

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PREPARATION TIME INFLUENCES KNEE AND ANKLE JOINT MECHANICS DURING DYNAMIC CHANGE OF DIRECTION

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Fuerst, P. et al [Germany]

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Lienhard, K. et al [France]

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Janie, C. [Canada]

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Murakami, K. et al [Japan]

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Onuma, N. et al [Japan]

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Shimizu, Y. et al [Japan]

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IMMUNE RESPONSE AND TOLERANCE OF SEDATED RATS TO LETHAL HEAT EXPOSURE FOLLOWING 5 DAYS OF PRE-CONDITIONING
Fun, D. [Singapore]

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Toledo, E. et al [Brazil]

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COMPARATIVE MUSCLE ACTIVITIES OF THE ROTATIONAL AND GLIDE TECHNIQUE IN SHOT PUT
Aoyama, S. et al [Japan]

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SPORT CAREER IN 400 M HURDLE RUN IN VARIOUS GROUPS OF THE BEST ATHLETES IN THE WORLD
Iskra, J. et al [Poland]

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Sato, M. [Japan]

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Hagiwara, M. et al [Japan]

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EP-UD01-86
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Skorski, S. et al [Germany]

ActiGraph [USA]

ActiGraph is a leading provider of objective accelerometer-based physical activity and sleep/wake monitoring hardware and software solutions for the global research community. Trusted by thousands of academic and research organizations in more than 75 countries, ActiGraph monitoring products are the most widely used and extensively validated devices of their kind.

<http://www.actigraphcorp.com>

Activinsights Ltd [United Kingdom]

GENEActiv's robust, ergonomic wrist-worn design achieves greater subject acceptance and compliance, accurately monitoring body movement in free living scenarios. The compact, body-worn accelerometer measures acceleration, temperature and light exposure in all environments. As well as activity, sleep and lifestyle, the high quality data allows factors such as gait and body balance measures to be compared over time for an individual. This leading technical design offers 0.5Gb of high-resolution data in an open format and comes as a uniquely fully waterproof, value-for money instrument with a durable 2 month data collecting battery life, capable of recharging. While the open raw data format allows analysis approaches to be shared between all users and applications.

<http://www.geneactiv.co.uk>

aerolution c/o ACEOS GmbH [Germany]

The most innovative product for performance diagnostics is the aeroman professional. Respiratory gas exchange measurement never has been that easy to handle with a maximum of precision and accuracy. Top athletes, ambitious amateurs, hobby sportsmen rely on the aerolution VO2 measurement and the training prescription. Beyond that, aerolution products are perfect solutions for all modern civil health problems in the context of physical inactivity and unhealthy nutrition. Different software modules for individual assessments with easy to understand reports are a powerful measure against all civil health problems caused by a lack of activity and unhealthy nutrition. The aerolution

products will be your perfect instruments.
<http://www.aerolution.de/ecss>

AlterG Ltd [United Kingdom]

The AlterG Anti-Gravity Treadmill® is the only unweighting fitness equipment built on patented gravity differential technologies developed by NASA and tested by Nike's Oregon Research Project. Leading professional sports teams, athletes, and fitness programs use the AlterG as part of their training regimen. Athletes recovering from surgery or injury are able to resume workouts more quickly, and routinely use the Anti-Gravity Treadmill to enhance performance.

<http://www.alterg.eu>

AMTI [USA]

AMTI's multi-axis force platforms and instrumented treadmills provide accurate, repeatable force data for many different sports science studies. These six-component force measuring systems have high measuring sensitivity, a wide dynamic range, excellent repeatability, and unsurpassed accuracy. Configurations include floor mounted, portable, dual force platform treadmills, instrumented stairs, and more.

<http://www.amti.biz>

ANT Neuro b.v. [The Netherlands]

ANT Neuro specializes in the development of complete solutions for recording and analysis of neurophysiological signals in neurological, psychological, physiological research and related clinical applications, using EEG, MRI, TMS and MEG technology. Visit us at our booth and get a live demo of our novel system. eegosports is the only truly ultra-mobile EEG & EMG recording platform available, providing total mobility and flexibility in sport research.

<http://www.ant-neuro.com/>

Artinis Medical Systems B.V. [The Netherlands]

Artinis makes optical imaging and oxygenation measurements easy and affordable with fit to purpose so-

lutions. Artinis produces flexible, versatile and easily upgradeable equipment like the multichannel Oxy-mon and also wireless NIRS systems, the PortaMon and PortaLite. These have the size of a cell-phone and can be used inside and outside.

<http://www.artinis.com>

Aspetar [Qatar]

Aspetar is the first specialised Orthopaedic and Sports Medicine Hospital in the Gulf region. It provides the highest possible medical treatment for sports-related injuries in a state-of-the-art facility, staffed by some of the world's leading sports medicine practitioners and researchers. Through the delivery of excellence in sports medicine, physiotherapy, sports science, orthopaedic surgery and rehabilitation, Aspetar services the needs of football and Sports Clubs and Federations throughout the state of Qatar, and regularly services international athletes and professional sportspeople. In 2009, Aspetar was officially accredited by F-MARC as a FIFA Medical Centre of Excellence.

<http://www.aspetar.com>

Bodystat Ltd. [British Isles]

Measure muscle, fat and fluid levels with BODYSTAT, a leader of bio-impedance. Regular monitoring of body composition is easy, using Bodystat's hand-held portable units. With our NEW optional software program, thermal printer and our free App, the system provides the facilities needed to offer a comprehensive service.

<http://www.bodystat.com>

CamNtech Ltd. [United Kingdom]

CamNtech provides wearable solutions for objective monitoring of sleep quality, energy expenditure, Activity, HRV, EEG, EMG and Patient Reported Outcome. Our products have regulatory approvals for major world markets, backed up by our worldwide network of distributors and from our facility in the UK and offices in the USA.

<http://www.camntech.com/>

CareFusion Netherlands 238 B.V. [The Netherlands]

CareFusion invites you to experience the new Vyntus CPX! Our latest system in Cardio Pulmonary Stress testing! State of the art hardware technology combined with easy to use software. Vyntus CPX features fully automated calibration and easy maintainability: O2 analyzer can be easily replaced in the field by the operator.

<http://www.carefusion.com>

Catapult Sports Pty Ltd [United Kingdom]

Catapult is the global leader in athlete analytics, engineering wearable monitoring technology that is used by over 300 elite teams and institutes worldwide. Objectively measure performance and manage risk, readiness and return to play with scientifically-validated information that empowers elite coaches.

<http://catapultsports.com/>

Check [Finland]

CHECK™ is a revolutionary way to assess and monitor Training Readiness aimed especially for professional and recreational athletes engaged in sports requiring strength, explosive power, skill and coordination. CHECK™ -method uses a well-known phenomena where low-voltage current is used to stimulate the peripheral nervous system. The intensity and delay of the neural reaction can be measured. Based on the results, the training readiness of the athletes can be assessed real-time.

<http://www.checkmylevel.com>

C-Motion, Inc. [USA]

C-Motion has a passion for making the world's leading research tools for understanding the mathematically complex nature of movements in 3D. Our software Visual3D, is hardware independent, marker set independent, functionally extensible, and has the most capable modelling capabilities available. It provides clinically validated, consistent results from motion capture data. Its analytical power and object architecture

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make it a compelling product for clinical assessments, visualizing 3D data, rehabilitation assessments, animal research, sports related motion, virtual reality activities, and many other applications.
<http://www.c-motion.com>

Contemplas GmbH [Germany]

CONTEMPLAS GmbH, with its headquarter in Kempten/Germany, develops and distributes worldwide software solutions for general motion analysis in the sport and medicine market.
With the motion analysis software TEMPLO and VICON MOTUS, CONTEMPLAS offers the possibility to do professional motion analysis in different fields of application and integrates other systems, such as EMG, pressure and force measurement.
<http://www.contemplas.com>

CORTEX Biophysik GmbH [Germany]

As world market leader in mobile Cardiopulmonary Exercise Testing systems CORTEX is pleased to present to you at the ECSS comprehensive information about professional athletes' performance diagnostics. Our diagnostic systems allow our customers to obtain precise measurement results in the areas of: performance diagnostics, training evaluation, prevention, therapy and rehabilitation.
<http://www.cortex-medical.com>

COSMED S.r.l. [Italy]

With more than 30 years of experience in the Sport & Performance field, COSMED provides the best and most comprehensive Cardiopulmonary, Metabolic and Body Composition solutions for the Research, Sport Science and human Performance fields.
<http://www.cosmed.com>

Delsys Inc. [USA]

Delsys have been at the forefront of innovative developments in electromyography (EMG) with our patented parallel-bar sensors offering unmatched signal quality, consistency and reliability. The Delsys Trigno systems allow completely unrestricted subject motion

while maintaining high fidelity signal quality and full-bandwidth sampling. Innovation is further demonstrated with the ground-breaking surface decomposition EMG system (dEMG) providing new parameters for studying and assessing motor control.
<http://www.delsys.com>

DorsaVi [United Kingdom]

DorsaVi's ViPerform is wireless sensor technology used to objectively measure movement and muscle activity. ViPerform is easy and fast to use. ViPerform tests include running symmetry (GRF), dynamic knee (including varus/valgus), low back & pelvis, dynamic hamstring, core control and rowing. ViPerform assesses athlete's performance both in clinic and on the field. Our real-time feedback functionality facilitates rehabilitation and skill acquisition.
<http://www.dorsavi.com>

ECSS Malmö 2015 [Sweden]

On behalf of the Department of Sport Sciences, Malmö University, the Department of Health Sciences, Lund University, and the Department of Nutrition, Exercise and Sports (NEXS), University of Copenhagen, it is our pleasure to invite you to attend the 20th Annual Congress of the European College of Sport Science. The congress will take place between June 24. and 27., 2015, in the multicultural city of Malmö, Sweden, a 15-minute train ride from Kastrup Airport in Copenhagen, Denmark. In 2015, the multidisciplinary ECSS Congress will be celebrating its 20th anniversary. The 2015 congress theme of Sustainable Sport will permeate the academic programme as well as the arrangements: the three universities co-hosting the event all emphasise sustainability in education and research, and will work together with the City of Malmö, a fair trade city, to make ECSS 2015 a sustainable sports congress
<http://www.ecss-congress.eu/2015/>

ECSS Office [Germany]

The ECSS is the leading association of sport scientists at the European level and maintains extensive cooperation with corresponding non-European associations.

The purpose of the ECSS is the promotion of science and research, with special attention to sport science and sport medicine across Europe and beyond.
The ECSS is a non-profit organisation consulting European institutions, such as the European Union, by offering scientific advice. In addition it serves as the most important European network of sport and sport medicine scientists from all relevant sub disciplines.
<http://sport-science.org>

Forcelink [The Netherlands]

Forcelink offers a very wide range of treadmills. Force measurement both 1D and 3D is offered in both single belt and dual belt treadmills.
A new concept is the C-Mill: a treatment and evaluation system for gait using both auditory and visual cueing. We measure gait parameters and use a projector to make real virtual objects on the belt.
<http://www.forcelink.nl>

FrieslandCampina DMV BV [The Netherlands]

FrieslandCampina DMV is a global leader in dairy ingredients for the food and nutrition industry.
We have a dedicated team on Performance Nutrition focusing on growing this market segment. Our added value lies in the nutritional know-how on dairy proteins as well as applied support for formulating end products.
<http://www.dmv.nl>

Galileo Novotec Medical GmbH [Germany]

Novotec Medical is the manufacturer of Galileo training- and therapy devices and of Leonardo motion analysis systems (mechanography). Galileo Training enables the successful treatment of musculo-skeletal disorders using side alternating vibration technology. The central importance of muscles for a healthy and efficient organism has been increasingly recognized in recent years.
<http://www.galileo-training.com>

Gatorade Sports Science Institute [USA]

Founded in 1985, the Gatorade Sports Science Institute (GSSI) is committed to helping athletes optimize their performance and well-being through driving the research, improving education and providing world class sports science services. Using research, GSSI aims to lead in the field of sports nutrition, generate ideas, support new product development and improve recommendations to athletes. Through education, GSSI translates complicated science into practical applications. Utilizing sports science services, GSSI helps athletes obtain a better and more detailed understanding of their body and provides key benchmarks. Headquartered in Barrington, IL, GSSI has opened satellite labs in Bradenton, FL on the IMG Academies campus and on the campus of Loughborough University in Loughborough, UK.
<http://www.gssiweb.com>

h/p/cosmos sports & medical GmbH [Germany]

Through the long history of more than 25 years in producing running-machines, h/p/cosmos has become THE treadmill specialist for sports, true medical (MDD) and oversize treadmills. h/p/cosmos produces a range of running machine systems from robust, reliable and MDD-certified machines to oversize machines for wheelchair athletes, cyclists and skiers. There are over 100 different models which include unweighting systems, safety systems, software solutions and other patented support solutions.
<http://www.h-p-cosmos.com>

Human Kinetics [UK]

At Human Kinetics, our mission is to produce innovative, informative products in all areas of physical activity that helps people worldwide lead healthier, more active lives. We are committed to providing quality informational and educational products in physical activity and health fields that meet the needs of our customers.
Please see us at stand 52 for 25% discount on titles

and extra discount on bundle offers.
<http://www.humankinetics.com>

HUR Labs Oy [Finland]

HUR Labs is a world leading vendor of products for testing human physical performance. Our main products are portable force platforms and software for testing of balance and jumps. Also products for strength testing - both dynamic and isometric are in our range. In Amsterdam HUR Labs introduces the Megaplate - a large force platform for measuring jumps and balance. Please visit us at the exhibition for a demonstration.
<http://www.hurlabs.com>

InnoSportLab Papendal [The Netherlands]

InnoSportLab Papendal is elevating elite sports to a higher level. The lab is working on the development of innovative products and services in the field of performance monitoring, physiology, recovery, sleep and nutrition. Thanks to the advanced test and measurement equipment it offers, elite athletes and coaches can receive feedback on their performance.
<http://www.innosportlabpapendal.nl>

Kistler Instrumente AG [Switzerland]

Kistler force plates were first introduced in 1969 and have consistently proved their worth as precise, reliable measuring instruments. The unique piezoelectric measuring system offers numerous advantages and makes Kistler force plates a cost effective investment for biomechanical laboratories. Longevity, high accuracy, linearity and sensitivity provide reliable and reproducible results.
<http://www.kistler.com/biomechanics>

Lode B.V. [The Netherlands]

Lode is world renowned as manufacturer of high quality ergometry products for professional ergometry applications. We offer unique products for sportsmedical applications. The Lode product range varies from bicycle, treadmill, arm, recumbent ergometers and supine

ergometers to ergometry software. The Lode brand stands for accuracy, durability and ergonomic design.
<http://www.lode.nl>

McRoberts [The Netherlands]

Our goal is to enhance the patients quality of life by using and implementing our innovative products in activity monitoring and function testing. Our products are used worldwide in research, clinical settings and pharmaceutical trials to reach this goal.
<http://www.mcroberts.nl>

Mega Electronics Ltd [Finland]

Mega Electronics Ltd has developed advanced technology for EMG, ECG, HRV and EEG monitoring applications in hospital, laboratory and field conditions. Using advanced technology, Mega offers leading precision and comfort for ECG and HRV measurement and new flexible and comprehensive ways to measure and analyse EMG data. Our main product lines are neurological monitoring equipments, physiotherapy and rehab systems. Using advanced technology, Mega offers leading precision and comfort for HRV measurement and new flexible and comprehensive ways to measure and analyse EMG data.
<http://www.megaemg.com>

MICROGATE SRL [Italy]

Microgate's technological research is applied in the field of training with one objective: to analyze and improve sports performances. Our Company provides innovative and well-known solutions (e.g. OptoJump Next, Witty), consulting, and technical support to coaches and trainers with the aim of optimizing training activities and evaluating performances.
<http://www.microgate.it>

Monark Exercise AB [Sweden]

The new generation of Monark bikes is developed with the cyclist in mind. With a perfect position, modern force and open source connect ability it offers models for any situation within

Sports & Medical area.
<http://www.monarkexercise.se>

Northern Digital Systems [Canada]

For over 30 years, the advanced measurement systems from Northern Digital Inc. (NDI) have been considered the gold standard in motion capture technology, trusted worldwide by researchers for their unparalleled accuracy, speed and resolution. Our new force plate technology, TrueImpulse, builds on that reputation, providing superior performance without compromising affordability.
<http://www.ndigital.com/>

PAL Technologies Ltd [Scotland, UK]

PAL Technologies' award winning activPALTM is the researcher's preferred choice for quantifying free-living sedentary, upright and ambulatory activities, providing the evidence to link sedentary behaviours to chronic disease risk. Working in partnership with our worldwide customer base, we deliver clinically relevant measures to support and inform patient-centred treatment approaches and are proud to be helping to build healthier lives. Come and chat with us about your research and find out about our latest product developments on stand 4.
<http://www.paltechnologies.com>

PhysioFlow Inc. USA / Manatec Biomedical France [France]

PhysioFlow® is a unique range of noninvasive hemodynamic monitors that perform the most accurate and validated continuous measurements of cardiac output in the world, even at max exercise. Some of our systems are wireless and portable. The combination of advanced miniaturized hardware and software enables new applications in the lab and for the first time in the field, for trainers and exercise physiologists.
<http://www.physioflow.com>

Polar Electro [The Netherlands]

Founded in 1977, Polar Electro invented the first wireless heart rate monitor. Since then the company has been leading the sports instruments and heart rate monitoring category. Today, the award-winning Polar training computers are the number one choice among consumers worldwide.
<http://www.polar.com/nl>

Power Bar Europe GmbH [Germany]

We started PowerBar® in 1986 to help athletes reach their goals by providing nutrition tools for optimum athletic performance. PowerBar® products, backed by leading edge science and innovation, help fuel passionate and committed endurance athletes to push their limits to perform and win. From the PowerBar Performance System to electrolytes to protein bars and more, we've got the sports nutrition products to help you achieve your athletic goals. Powerbar is committed to helping enhance the health and wellness of active individuals by providing convenient nutritional products. We are passionate about sport, fitness and health – our products are setting the pace in science proven sport nutrition.
<http://www.powerbar.com>

POWERbreathe International Ltd [United Kingdom]

Not only are POWERbreathe's K-Series devices the World's 1st Intelligent Digital Breathing Trainers, but an independent International 6 Nation Clinical Medical Research study has endorsed these as "Gold Standard" devices. With the new K5 + K4 Breathe-Link s/w the possibilities for research in Sports Science and improvement in Time Efficient High Performance Training Outcomes are increasingly being recognised. Also, ask about PBAS the new innovative, affordable, modular - portable and room based POWERbreathe Altitude Systems.
<http://www.powebrate.com>

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Qualisys AB [Sweden]

Qualisys Optical Motion Capture System and software for 3D tracking of biomechanics. The system include the Oqus range of cameras is the latest platform for Qualisys motion capture systems. With features such as high-speed video and active filtering for outdoor usage, the Oqus camera is a very versatile piece of hardware. The Project Automation Framework (PAF) for QTM is a customizable infrastructure that lets you automate repetitive tasks in your workflow. Analyse a series of captures and create reports with the click of a button.

[/http://www.qualisys.com](http://www.qualisys.com)

RBM elektronik-automation GmbH [Germany]

The Cyclus2 is an innovative state-of-the-art cycling ergometer packed with electronic and IT solutions, comprising of standardized performance tests, isokinetic mode, lateral oscillation, and training- and programming applications. Due to its versatility, functionality and user-friendliness it is used by sports scientists, high performance centres, coaches and top-class cyclists worldwide.

<http://www.cyclus2.com>

Routledge Taylor & Francis Group [United Kingdom]

As a leading publisher in the field of Sports and Leisure, Routledge proudly offers a wealth of highly-cited journal content and primary research. Routledge journals dominate the Hospitality, Leisure, Sport and Tourism category of the Social Sciences Citation Index® as well as hosting a prestigious book publishing program. Discover more on Routledge Journals at <http://explore.tandfonline.com/sport>

And Routledge books at <http://www.routledge.com/sport>

<http://www.tandfonline.com/tejs>

SensoMotoric Instruments GmbH [Germany]

Efficiently quantify attention on screen-based materials such as TV spots, web designs, print marketing material or video clips with the SMI RED remote eye tracking devices. Test real world applications including store shelves, product packaging, billboards, mobile devices and more with the unique mobile SMI Eye Tracking Glasses.

<http://www.smivision.com>

Simi Reality Motion Systems GmbH [Germany]

Simi develops high-speed image based motion capture systems. Our mission is to develop high end systems which are simple to use.

Our customers range from top research facilities to practical applications in daily activities. Our solutions are tailored to customer's needs and we foster a very close cooperation with our customers.

<http://www.simi.com>

SM Europe [France]

The Cryovest is a cooling vest which can lower artificially the body temperature before and after the training composed by 8 pockets: in which we can place the FirstIce packs colder. The energy efficiency, which is one of the most important determining factors in physical performances, has improved substantially thanks to the cryovest of 15.8%.

<http://www.cryovest.fr>

Tanita Europe B.V. [The Netherlands]

Tanita is the global leader in BIA technology - a fast, cost-effective method of measuring body composition. Accurate measurements taken in 30 seconds include muscle mass, BMR, hydration and body fat levels. Tanita is universally recognized as the most clinically accurate on the market, reflecting 25 years of independent scientific research.

<http://www.tanita.eu>

Tekscan, Inc. [USA]

Tekscan is a leading provider of technologies for analyzing foot function, gait, and balance. Our MobileMat BESS is a computerized implementation of the Balance Error Scoring System (BESS), which is a protocol for postural stability testing that is commonly conducted as part of a sports concussion assessment.

<http://www.tekscan.com>

The Coca-Cola Company [Belgium]

The Coca-Cola Company is the world's largest beverage company, with more than 500 sparkling & still brands. With an enduring commitment to building sustainable communities, our Company is focused on initiatives that reduce our environmental footprint, support active, healthy living, create safe, inclusive work environments, & enhance the economic development of communities. The Company also supports the Beverage Institute for Health & Wellness to create awareness of evidence-based science around healthy, active living, energy balance and beverage ingredients. Visit www.beverageinstitute.com for more information.

<http://www.coca-colacompany.com/>

TMG-BMC Ltd. [Slovenia]

TMG-BMC Ltd. Is a cutting-edge biomechanics and kinesiology company providing the best tools for research and muscle/ tendon diagnostics. Our own in-house research resources continually develop patented, highly effective methods for research, training optimization and rehabilitation for research institutions and top sportspeople as well as general physiotherapy and medical requirements. As a result of creating and developing the field of Tensiomyography (TMG), TMG-BMC Ltd's unique products and techniques have already been adopted by leading medical and research institutions such as Manchester Metropolitan University, Ruhr-University Bochum, UK Athletics and also elite football clubs such as FC Barcelona.

<http://www.tmg-bodyevolution.com>

Velamed GmbH [Germany]

Velamed GmbH was founded in 2005 as a medical distribution company in Cologne, Germany. As European distributor for biomechanical measuring systems the key company competence is to equip laboratories with biomechanical measurement solutions combined with qualified product and planning consultancy.

<http://www.velamed.com>

Vicon [United Kingdom]

Vicon delivers 3D movement analysis systems in sports training and research department's worldwide. Its flagship camera line, the T-Series, offers the highest resolution, frame rates and accuracy available, allowing detailed motion capture in almost any environment. Bonita is Vicon's next generation camera, combining size, power, and price performance into one amazing solution.

<http://www.vicon.com>

Woodway GmbH [Germany]

WOODWAY treadmills are specifically requested by professional sports teams, medical & rehabilitation facilities and high-usage fitness facilities worldwide because of their patented design that provides a superior running surface for users, owners and operators.

With scientific accuracy, great ride feel and fully adjustable setup, the WATTBIKE is the world's most advanced indoor training bike.

<http://www.woodway.de>

Xsens Technologies B.V. [The Netherlands]

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19th Annual Congress of the European College of Sport Science - ECSS Amsterdam 2014 - The Netherlands, July 2-5



Mini-Oral Sessions: Wednesday 2nd July 2014

ID	Sessions Slot A: 13:00 - 14:00	Lecture room	ID	Sessions Slot B: 14:00 - 15:00	Lecture room
MO-PM01	NU Ergogenic Supplements 1	Auditorium	MO-PM12	PH Resistance Exercise	Auditorium
MO-PM02	HF Obesity	Forum	MO-PM13	TT Clinical 1	Forum
MO-PM03	PH High Intensity Interval Training	E102	MO-PM14	PH Fatigue	E102
MO-BN01	BM Running	G102	MO-BN04	BM Balance & Stability	G102
MO-PM04	Molecular Biology & Strength	G103	MO-PM15	Molecular Biology & Endurance	G103
MO-SH01	Psychology & Soccer	G104	MO-SH04	Psychology of Team Performance	G104
MO-PM05	Physical Education & Body Composition	G105	MO-SH05	Physical Education & Sociology	G105
MO-PM06	TT Teamsport	G106	MO-PM16	TT Soccer	G106
MO-BN02	BM Kinematics	G107	MO-BN05	Neuromuscular Performance	G107
MO-PM07	TT HR Recovery & Variability	E103	MO-PM17	TT Endurance Exercise 1	E103
MO-PM08	SM Exercise=Medicine	E104	MO-PM18	SM Epidemiology	E104
MO-PM09	TT Agility	E105-106	MO-PM19	TT Strength Training	E105-106
MO-PM10	Thermoregulation 1	E107	MO-PM20	Thermoregulation 2	E107
MO-PM11	Physical Activity in Children 1	E108	MO-PM21	HF Physical Activity in Children 2	E108
MO-SH02	Sport Psychology & Physical Education	G108	MO-SH06	Sportmarketing & Consumersatisfaction	G108
MO-BN03	BM Cyclic Sports	G109	MO-BN06	Physical Education, Motor Skills & Dance	G109
MO-SH03	Athletes & Achievements	G110	MO-SH07	Sport & Motivation	G110



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Programme Overview: Wednesday 2nd July 2014

Time	Auditorium	Forum	Emerald	E102	G102	G103	G104	G105	G106	G107
08:30	Satellite symposia, Workshops (Overview on page 88), ECSS General Assembly									
13:00 Slot A	Mini Oral Sessions Slot A: 13:00 - 14:00 (Overview on the left page)									
14:00 Slot B	Mini Oral Sessions Slot A: 14:00 - 15:00 (Overview on the left page)									
15:00	IS-PM02 Control of skeletal muscle mass with ageing	IS-BN01 Maximizing wheeling performance! *	IS-PM01 Asthma in the athletes *	OP-PM01 Muscle Protein Synthesis & Balance	OP-BN01 Neuromuscular Physiology	OP-PM02 Alternative Exercise Training	IS-SH01 FEPSAC symposium	OP-SH01 Sports Policy and Statistics	OP-PM03 Lifestyle Research	OP-BN02 Kinematics
16:30	Coffee break									
16:50	Plenary Session 1: Women versus men in sport and exercise (Auditorium)									
18:15	Opening Ceremony (Auditorium)									
19:15	Opening Reception (Exhibition Area) sponsored by City of Amsterdam, Department of Sports									

* Clinical track



19th Annual Congress of the European College of Sport Science - ECSS Amsterdam 2014 - The Netherlands, July 2-5



Mini-Oral Sessions: Thursday 3rd July 2014

ID	Sessions Slot A: 14:00 - 15:00	Lecture room	ID	Sessions Slot A: 15:00 - 16:00	Lecture room
MO-PM22	Exercise & Muscle Metabolism	Auditorium	MO-PM32	Exercise, Nutrition & Metabolism	Auditorium
MO-BN07	Biomechanics	Forum	MO-BN11	Neuromuscular Physiology	Forum
MO-PM23	Vascular Biology	Emerald	MO-PM33	Physical Disabilities & Activity	Emerald
MO-PM24	TT High Intensity Interval Training	E102	MO-PM34	Physical Activity & Exercise Training	E102
MO-BN08	Motor Control & Learning 1	G102	MO-BN12	BM Muscle Function	G102
MO-PM25	Age-related Physiology	G103	MO-PM35	Nutrition & Body Composition	G103
MO-SH08	Sport Statistics & Analysis 1	G104	MO-SH12	Sport Psychology	G104
MO-SH09	Physical Education & Pedagogics	G105	MO-SH13	Psychological Interventions	G105
MO-PM26	TT Small Sided Games	G106	MO-PM36	TT Talent	G106
MO-BN09	Motor Control & Learning 2	G107	MO-BN13	Motor Control Learning 3	G107
MO-PM27	TT General	E103	MO-PM37	TT Overhead Sports	E103
MO-PM28	SM Upper Body Related Activity	E104	MO-PM38	SM Lower Body Related Activity	E104
MO-PM29	TT Endurance Exercise 2	E105-106	MO-PM39	Vascular Physiology	E105-106
MO-PM30	Health & Fitness	E107	MO-PM40	HF Ageing	E107
MO-PM31	Physical activity	E108	MO-PM41	HF Health	E108
MO-SH10	Sport Statistics & Analysis 2	G108	MO-SH14	Sportpolicy & Management	G108
MO-BN10	BM Injury Prevention	G109	MO-BN14	BM Athletics & Skiing	G109
MO-SH11	Sport, Stress & Anxiety	G110	MO-SH15	Talent & Career Development	G110



19th Annual Congress of the European College of Sport Science - ECSS Amsterdam 2014 - The Netherlands, July 2-5



Programme Overview: Thursday 3rd July 2014

Time	Auditorium	Forum	Emerald	E102	G102	G103	G104	G105	G106	G107
08:30	OP-PM04 Nutrition & Supplements	OP-BN03 Biomechanics	OP-PM05 Sports Medicine & Exercise Therapy	OP-PM06 High Intensity Intermittent Training (HIT)	OP-BN04 Motor Control & Learning	OP-PM07 Vascular Biology	OP-SH02 Sports Sociology	OP-SH03 Sports Psychology	OP-PM08 Physical activity in children	OP-PM09 Chronobiology & Exercise
10:00	Coffee break, Opening of Exhibition									
10:20	IS-PM06 Handcycling: from rehabilitation to elite sports performance *	IS-BN02 The Power-Duration Relationship sponsored by adidas *	IS-PM03 The beneficial effects of exercise training ...*	IS-PM12 Efficiency in endurance sports	IS-BN03 Muscle contractile mechanics of human multi-joint movements	OP-PM10 Exercise Metabolism	IS-SH02 Sport organizations in Europe – opportunities and challenges	IS-SH04 Tactical performance analyses in soccer: what approach matches?	OP-PM11 Ageing and Exercise Training	OP-PM12 Cardiovascular Exercise Physiology I
11:50	Break									
12:00	Plenary Session 2: Who has the future in public health – young or old? (Auditorium)									
13:15	Lunch break (Technical Session: COSMED introduces K5, the wearable metabolic technology, room G103)									
14:00 Slot A	Mini Oral Sessions Slot A: 14:00 - 15:00 (Overview on the left page)									
15:00 Slot B	Mini Oral Sessions Slot B: 15:00 - 16:00 (Overview on the left page)									
16:00	Coffee break									
16:20	IS-PM08 Muscle stem cells and skeletal muscle plasticity	IS-BN05 Rate of force development	IS-PM04 Pacing strategy	IS-PM07 Ischaemic preconditioning *	IS-BN04 Inside the Moving Brain	OP-PM13 Muscle Damage & Regeneration	IS-SH03 New perspectives with respect to the route of expertise	OP-SH04 Coaching	OP-PM14 Exercise & Training Effects	OP-PM15 Exercise Response in Obesity
17:50	Break									
18:00	OP-PM16 Healthy Ageing	OP-BN05 Balance & Training	OP-PM17 Cancer & Exercise	OP-PM18 Time-Trial Performance	OP-BN06 Sleep & Motor Performance	OP-PM19 Exercise with Blood Flow Restrictions	OP-SH05 Sociology & Gender	OP-PM20 Exercise Therapy	OP-PM21 Teamsport Basketball & Volleyball	OP-BN07 Injury Incidence

* Clinical track



19th Annual Congress of the European College of Sport Science - ECSS Amsterdam 2014 - The Netherlands, July 2-5

Mini-Oral Sessions: Friday 4th July 2014



ID	Sessions Slot A: 14:00 - 15:00	Lecture room	ID	Sessions Slot A: 15:00 - 16:00	Lecture room
MO-PM42	NU Ergogenic Supplements 2	Auditorium	MO-PM53	PH Endurance Exercise	Auditorium
MO-BN15	Muscle Strength	Forum	MO-BN18	Muscle Fatigue	Forum
MO-PM43	TT Clinical 2	Emerald	MO-PM54	Biochemistry	Emerald
MO-PM44	TT Strength & Power	E102	MO-PM55	TT Fatigue	E102
MO-BN16	BM Jumping & Squatting	G102	MO-BN19	BM Ageing	G102
MO-PM45	Vitamins & Minerals	G103	MO-PM56	Nutrition & Energy Metabolism	G103
MO-SH16	Coaching 1	G104	MO-SH20	Coaching 2	G104
MO-SH17	Exercise Psychology	G105	MO-SH21	Skill Acquisition	G105
MO-PM46	TT Injury Prevention	G106	MO-PM57	TT Body Composition	G106
MO-BN17	Motor Control & Learning 4	G107	MO-BN20	Motor Control & Learning 5	G107
MO-PM47	Sport Injuries	E103	MO-PM58	PH Fat & Glucose Metabolism	E103
MO-PM48	SM Exercise Responses	E104	MO-PM59	Physical Education & Health	E104
MO-PM49	Cardiovascular Physiology	E105-106	MO-PM60	PH Performance Modification	E105-106
MO-PM50	HF Aging Exercise	E107	MO-PM61	HF Ageing Cognitive	E107
MO-PM51	HF Training	E108	MO-PM62	Sports Physiology	E108
MO-SH18	Physical Activity & Age	G108	MO-SH22	Social Significance of Sports	G108
MO-PM52	Sports Medicine 1	G109	MO-PM63	Sports Medicine 2	G109
MO-SH19	Athletes, Achievements & Development	G110	MO-SH23	Intellectual Disabilities & Activity	G110



19th Annual Congress of the European College of Sport Science - ECSS Amsterdam 2014 - The Netherlands, July 2-5



Programme Overview: Friday 4th July 2014

Time	Auditorium	Forum	Emerald	E102	G102	G103	G104	G105	G106	G107
08:30	OP-PM22 Critical Power	OP-BN08 Running Research	OP-PM23 Obesity & Exercise	OP-PM24 Sport Nutrition	OP-BN09 Neuromuscular Activation	OP-PM25 Molecular Training Responses	OP-SH06 Sports Management	OP-PM26 Respiratory Physiology	OP-PM27 Spinal Cord Injury & (handcycle) Exercise	OP-PM28 Endurance & Performance
10:00	Coffee break, Opening of Exhibition									
10:20	IS-PM10 Concurrent training for peak power and endurance	IS-BN06 Core stability: What is it, does it matter, how can it be assessed?	IS-PM05 Exercise in cancer patients *	IS-PM13 JSPFSM-ECSS Exchange lecture	IS-BN07 Physiological characteristics of small-sided games	OP-PM29 Health & Fitness (ESSA Exchange)	IS-SH05 Interface problems of physical activity research *	IS-SH06 Perceptual training in sport	OP-PM30 Heart Rate Recovery & Variability	OP-PM31 Energy Balance & Expenditure
11:50	Break									
12:00	Plenary Session 3: Interaction between thermal environment, mental and physical status of the athlete and power output * (Auditorium)									
13:15	Lunch break									
14:00 Slot A	Mini Oral Sessions Slot A: 14:00 - 15:00 (Overview on the left page)									
15:00 Slot B	Mini Oral Sessions Slot B: 15:00 - 16:00 (Overview on the left page)									
16:00	Coffee break									
16:20	IS-PM11 The Future of Sports Nutrition *	IS-BN08 Developmental changes of neuromuscular control	IS-SH08 Applying the Exercise Science Model	IS-PM14 Interval Training revisited *	IS-BN09 Propulsion in swimming and rowing	OP-PM32 Training and Testing	IS-SH07 Long-term Follow-up & Implementation...	OP-PM33 Cardiovascular Exercise Physiology 2	OP-PM34 Exercise Therapy in children with CP & COPD	OP-PM35 Team Sports
17:50	Break									
18:00	OP-PM36 Exercise training	OP-BN10 Balance Control	OP-PM37 Exercise Therapy & Insuline	OP-PM38 Muscle Signaling & Protein Synthesis	OP-BN11 Jumping Research	OP-PM39 Muscle Force, Damage & Metabolism	OP-SH07 Attention & Sport Performance	OP-SH08 Sport Psychological Interventions	OP-PM40 Teamsport Soccer & Rugby	OP-PM41 Exercise in the Heat

* Clinical track

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Programme Overview: Saturday 5th July 2014

Time	Auditorium	Forum	Emerald	E102	G102	G103	G104	G105	G106	G107
08:30	OP-PM42 Supplementation & Performance	OP-BN12 Muscle Biomechanics	OP-PM43 Sports Medicine	OP-PM44 Central & Peripheral Fatigue	OP-BN13 Motor Learning	OP-PM45 Metabolic Adaptation to Exercise	OP-SH09 Education & Pedagogics	OP-SH10 Sport & Cognition	OP-PM46 ACL Reconstruction & Exercise	OP-PM47 Exercise & Cooling
10:00	Coffee break, Opening of Exhibition									
10:20	IS-PM15 Ultra endurance exercise	IS-BN10 What do we know about intermuscular force transmission?	IS-PM09 Cardiovascular Adaptation in Athletes: What's New? *	IS-SH09 ECSS - ACSM exchange symposium	OP-BN14 Injury Prevention	OP-PM48 Training & Adaptation	IS-SH10 Sitting, activity and health at work *	IS-SH11 Sports law: the integrity of sports	OP-PM49 Cardiovascular Exercise Physiology 3	OP-PM50 Blood Markers of Fatigue & Inflammation
11:50	Break									
12:00	GSSI Awards (Auditorium)									
12:15	Plenary Session 4: Challenges for the Paralympic Games: fairness and identity * (Auditorium)									
13:30	Lunch break									
14:15	YIA Presentations (Auditorium)									
15:30	Tom Reilly Memorial Lecture: The effect of intensified training on performance and muscle adaptations in well-trained people (Auditorium)									
16:00	Coffee break									
16:20	YIA Awards (Auditorium)									
17:00	Closing Ceremony (Auditorium)									
19:30	ECSS Congress Party (Nemo)									

* Clinical track



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Parallel programme



Satellites

GSSI - Sports Nutrition then and now

Wednesday, 2nd of July 2014,
8.00 – 12.30

Lecture room: Emerald

Aspetar - How to win the match - The science behind football

Wednesday, 2nd of July 2014,
13:00 - 15:00

Lecture room: Emerald

Kistler - Performance Assessment with Force Plates - Bringing Science to Practice

Wednesday, 2nd of July 2014,
10:30 - 12:00

Lecture room: G-104

ECSS Workshops (EWSS)

EWSS: Publishing in Scientific Journals - Getting that first paper published in a peer-reviewed journal

Wednesday, 2nd of July 2014,
8:45 – 12:30

Lecture room: G-105

EWSS: Social media and sport research workshop - What's trending at #ECSS2014

Wednesday, 2nd of July 2014,
9:00 – 12:30

Lecture room: G-106

Technical Sessions

COSMED introduces K5, the wearable metabolic technology

Thursday, 3rd of July 2014,
13.15 - 14.00 (lunch break)

Lecture room: G103

SMI shows innovative use of eye tracking

Thursday 3rd of July,
13.15-14.00 (lunch break)

Lecture room: E001

GSSI Nutrition Award

Finalists` presentations

Thursday, 3rd of July 2014,
16:20 - 17:50

Lecture room: E105-106

Special Interest Groups (SIG)

SIG - Sports Nutrition

Thursday, 3rd of July 2014,
18.00 – 19.30

Lecture room: E105-106

SIG - Environmental Physiology

Thursday, 3rd of July 2014
16.20 - 17.50

Lecture room: G110

SIG – Elite Sport

Thursday, 3rd of July 2014
16.20 - 17.50

Lecture room: G109

ECSS General Assembly

ECSS General Assembly

Wednesday, 2nd of July 2014,
11.00 – 12.00

Lecture room: G109



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NOC*NSF (Netherlands Olympic Committee * Netherlands Sports Confederation) considers scientific research into all areas of sport crucial. Whether it is about a better understanding of what makes people participate in sports, the economic impact of sports events, or developments supporting elite performance, we strongly encourage decisions to be based on sound evidence. And we are convinced science helps in moving forward! For this reason, NOC*NSF has developed a Masterplan "Sports and Science" and has started the program "Sport Science and Innovation" (aimed at elite sports).

All in all, NOC*NSF actively facilitates in "bridging the gap" between sports and science. This is reflected in for example the "Sectorplan Sports Research and Education 2011-2016", the portal www.sporten Kennisplein.nl and the NWO research program Sport. Within elite sports, NOC*NSF is a strong advocate of embedded scientists (scientists within the coaching staff, active on the workflow), fieldlabs and innovation projects. NOC*NSF actively participates in a number of projects within the research program Sport and one of the founders of the project Topsport Topics, aimed at elite coaches. Our network within the world of academics and R&D has increased dramatically and we congratulate the VU University Amsterdam on hosting ECSS 2014 in Amsterdam, a well deserved job! We are proud to be able to support our valued academic partner in making this year's conference a successful edition.

For more information, please visit:

- www.nocnsf.nl/wetenschap (NOC*NSF and science in general)
- www.nocnsf.nl/wot (support of elite sports programs through science and innovation)