



21st annual Congress of the
EUROPEAN COLLEGE OF SPORT SCIENCE

CROSSING BORDERS THROUGH SPORT SCIENCE

6th - 9th July 2016, Vienna - Austria

Hosted by the Centre for Sport Science and University Sports, University of Vienna



ECSS 2016

ECSS Vienna 2016

Call for abstracts



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Welcome

Welcome to the 21st Annual Congress of the ECSS

On behalf of the Centre for Sport Science and University Sports, University of Vienna it is my great pleasure to invite you to attend the 21st Annual Congress of the European College of Sport Science in Vienna. The congress will be held between 6th and 9th of July, 2016 at the Austria Center Vienna (ACV) which is located close to the City Center, the River Danube but also the United Nations Building.

"Crossing Borders through Sport Science" as conference theme should reflect the long-lasting tradition of Austria in bringing together people from all over the world but also the emphasis of the European College to fully cover all disciplines and topics within Sport Science. Especially plenary but also invited symposia will be chosen carefully to highlight different viewpoints on specific topics in order to summarize existing knowledge but also to find new ideas and ways of research in our area.

Similar to other ECSS conferences we aim to attract many early stage researchers but also well-known experts to ensure a valuable information exchange at all formats of the conference from mini orals to plenary sessions. Possibly, this will lead to the discovery of high potentials within the Young Investigators Award, but certainly to the development of future projects, collaborations, and friendships.

Of course visiting a conference not only is to meet other scientists but also to grab the spirit of the hosting city and its surroundings. Vienna has transformed from a Roman settlement to the capital of the Austrian-Hungarian Empire, finally becoming the capital of the modern Austrian state with about 2 million inhabitants. Since several years Vienna is ranked number one concerning the quality of living which reflects not only political and economic factors but also health, education and public service including transportation. When coming to Vienna you will experience the historical heritage mixed with modernity not only when visiting museums, concerts and the different theatres but also when relaxing at one of the numerous restaurants, bars and of course at the classical "Heurigen" in the vineyards of Vienna.

We are looking forward to seeing you all in Vienna in 2016.
Arnold Baca, *Congress President*

Vienna

5 Reasons to visit Vienna

- it is easily accessible for all visitors
- it combines classical culture and modernity
- it offers delicious food and drink specialties
- it is famous for its hospitality
- it is one of the most beautiful cities in the world!

Venue

Austria Center Vienna, ACV

Get together with international experts in the heart of Vienna's most modern district and savour an authentic Viennese coffee while learning, discussing and networking – both face-to-face and virtual – in a highly appealing setting: there are countless treats in store for you when attending ECSS 2016 Vienna.

Our location: 7 – 30 – 923

It takes you just 7 minutes to reach the heart of the historic city centre by underground, and only 30 minutes to get to the airport. The Austria Center Vienna is right next door to one of the four official UN headquarters and to Vienna's most famous green relaxing areas at the Danube River. 923 rooms await you in four 4-star hotels within walking distance, another 29.972 rooms all over Vienna.

Our Spaces: 20,000 - 17 – 180 – 22,000

The Austria Center Vienna is the largest conference centre in the country, and can accommodate up to 20,000 people. Make the most of our 17 halls for between 100 and 4,230 people, 180 meeting rooms and offices directly adjoining the halls, and 22,000m² of exhibition space in the main building and exhibition halls. Enjoy the cosy combination of a new traditional Viennese coffeehouse with sweet specialties and a new business lounge enabling best working and networking conditions

Exhibition

The ECSS congress is where the latest products and services from nutrition to physiological & biomechanical analysis and measurements as well as training devices within industry will be presented. Giving you access to the very latest information and solutions within the fields of sport sciences. Over 60 exhibitors from all over the world will form the hub of ECSS Vienna 2016.



ECSS Young Investigators Award

One of the key objectives of the ECSS is the promotion of junior scientists and the fostering of state-of-the-art research. For this purpose the ECSS established the Young Investigators Award (YIA).

In Vienna young scientists have again the opportunity of entering this prestigious competition for scientific excellence, where outstanding scientific work can be presented at the annual congress. A jury consisting of the ECSS Scientific Board and ECSS Scientific Committee grants the awards based upon an oral and mini-oral presentation for the top ten presentations respectively.

GSSI Nutrition Award

Designed for the broad area of sports nutrition and high performance, the GSSI Nutrition Award is open to submissions from the ECSS Vienna 2016 congress nutrition section. Based on industry value and scientific excellence, five finalists are to be evaluated during the congress by two independent ECSS reviewers and one GSSI representative. One winner will be announced during the GSSI Nutrition Award Ceremony.

Aspetar Excellence in Football Research Award

Introduced at ECSS Malmö 2015, the aim of the "Excellence in Football Research Award" is to attract and support novel, applied research projects with relevance to football (soccer). Although this does not exclude basic science studies, the award is aimed at stimulating more research on applied science with potential applications to the football pitch. One winner will be announced during the Aspetar Excellence in Football Research Award Ceremony.

Committees

Congress President Arnold Baca (AUT)

Chairs of the Local Scientific Committee

Barbara Wessner (AUT), Rosa Diketmüller (AUT), Arnold Baca (AUT)

Members of the Local Scientific Committee

Günter Amesberger (AUT), Norbert Bachl (AUT), Michael Kolb (AUT), Erich Müller (AUT), Hermann Schwameder (AUT), Gerhard Smekal (AUT), Sylvia Titze (AUT), Markus Tilp (AUT), Harald Tschan (AUT), Otmar Weiß (AUT)

Chairs of the Organizing Committee

Harald Tschan (AUT), Otmar Weiß (AUT), Martina Hochmeister-Postl (AUT)

Members of the Organizing Committee

Maria Dinold (AUT), Michaela Haßmann (AUT), Marlene Hofmann (AUT), Philipp Kornfeind (AUT), Clemens Ley (AUT), Karl Schörghuber (AUT), Christoph Triska (AUT)

Members of the ECSS Executive Board

Tim Cable - President (QAT), Marco Narici – Past President (GBR), Joan L. Duda- President Elect (GBR), Erich Müller (AUT), Bente Klarlund Pedersen (DEN), Stephen Seiler (NOR)

Members of the ECSS Scientific Board

Flemming Dela - Chair (DEN), Jan Cabri - Secretary (NOR), Paul Greenhaff (GBR), Martin Halle (GER), Susanna Hedenborg (SWE), Luc van Loon (NED), José Antonio López Calbet (ESP), Abigail Makkey-Sennels (GBR), Nicole Wenderoth (SUI)

Members of the ECSS Scientific Committee

Annalisa Cogo (ITA), Wim Derave (BEL), Peter Federolf (NOR), Taija Finni (FIN), Markus Gruber (GER), Jørn Wulff Helge (DEN), Ylva Hellsten (DEN), Pierre-Nicolas Lemire (NOR), Johannes van Lieshout (NED), Maria Francesca Piacentini (ITA), Afroditi Stadi (GBR), Cecilia Thøgersen-Ntoumani (AUS), Janice L. Thompson (GBR)

ECSS Office

Thomas Delaveaux (GER), Elias Tsolakidis (GRE), Steffen Neubert (GER), Juliane Melber (GER), Tuulia Hokkanen (FIN)

Key Dates

15th of December 2015, 24:00 CET

15th of February 2016, 24:00 CET

1st of April 2016, 24:00 CET

15th of April 2016, 24:00 CET

1st of May 2016, 24:00 CET

Abstract submission opening and opening of registration

Abstract submission deadline

Notification to authors about acceptance

End of Early bird registration

Deadline for registration for presenting authors

Registration fees

ECSS Vienna 2016

Early Registration

before or on 15th April 2016

Late Registration

after 15th of April 2016

ECSS Member*	425 €	475 €
Non-Member	600 €	650 €
Student ECSS Member*	300 €	350 €
Student Non-Member	400 €	450 €
Accompanying person**	250 €	300 €

* Save on registration fee by becoming a 2016 ECSS Member before registering for ECSS Vienna 2016.

** No access to scientific sessions granted.

Registration fee for participants includes

- Opening reception¹
- Admission to all scientific sessions
- Admission to exhibition
- Opening ceremony
- Congress material congress bag, Final Programme –in print, Book of abstracts – in print on demand 25,-€/35,-€ on-site
- Coffee breaks (6)¹ and lunches (3)¹ at the congress venue
- Congress Party¹

¹Pre-booking required. Only granted when pre-booking received!

Travel information

Vienna is easily accessible via plane, train and car.

By aircraft: Vienna is a major hub between East and West thanks to its location in the heart of Europe. Vienna International Airport serves 179 destinations in 67 countries worldwide, and is renowned for its high quality service, short transfer intervals and excellent punctuality ratings. The Star Alliance™ member airlines are appointed as the Official Airline Network for the 21st annual congress of the European College of Sport Science – ECSS Vienna 2016.

Save up to 20% on travel with the Star Alliance™ Network.



By train: Excellent rail connections to all the major European population centres makes travelling by rail a particularly attractive option. The Austrian rail network is operated by Austrian National Railways (ÖBB). Connections to international destinations arrive at and depart from several different stations in the city.

By car: Austria has an excellent road network. To get to the Austria Center Vienna by car take the A22 motorway (Donau-uferautobahn) and turn off at the Austria Center/VIC exit. Alternatively take the Reichsbrücke bridge or approach from Wagramer Strasse.

Accommodation

The ECSS has negotiated a large number of hotel rooms at attractive rates in several categories of hotel ranging from budget to 4 star hotels. These rates are only available through the congress website. You will find that all of these hotels offer quality lodging including breakfast. Most hotels have car park facilities and the majority of the hotels are very well connected with the congress venue by public transfer.

Please find recent updates on www.ecss-congress.eu/2016



www.youtube.com/user/ECSSTV



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Scientific Programme

PLENARY SESSIONS

Crossing the limits of impairment – lessons from neuromuscular and cardiovascular function after spinal cord injury *

Chair Wenderoth Nicole [Switzerland]
"Life-Long Activity-Dependent Neuromuscular Plasticity in Optimizing Performance in the Presence of Neuromotor Disorders" Edgerton Reggie, University of California, Los Angeles [United States]
"Cardiovascular function during exercise - the spinal cord injury model" Theisen Daniel, Sports Medicine Research Laboratory [Luxembourg]

Crossing borders through technology

Chair Balagué Natàlia [Spain]
"Computer Vision in Sports" Moeslund Thomas B., Aalborg University [Denmark]
"Innovative technology in sport: ethical perspectives" Loland Sigmund, Norwegian School of Sport Sciences [Norway]

Crossing cultures and nations – interculturality and transnational mobility as challenges for sport and sport science

Chair Radman Aage [Sweden]
"Interculturality in Sports" as Social Challenge – An Overview of Theoretical Foundations and Empirical Results Grimminger Elke, University of Hamburg [Germany]
"Sport Migration Revisited: Emerging concepts from the field of women's soccer and transnational mobility" Tiesler Nina Clara, Leibniz University of Hannover [Germany]

Promoting physical activity – environmental and economic health approaches *

Chair Rütten Alfred [Germany]
"Urban environment - a key determinant of participation in sports" Bull Fiona, The University of Western Australia [Australia]
"The WHO Health Economic Assessment Tool – In What Way Can It Support Physical Activity and Sustainability?" Racioppi Francesca, WHO Regional Office for Europe [Denmark]

INVITED SESSIONS

BIOMECHANICS & NEUROMUSCULAR

Biomechanical Fundamentals, Adaptations and Impairments of Lower Limb Function

Chair Lauber Benedikt [Germany]
"Muscle and tendon mechanics for efficient movement and control" Lichtwark Glen, The University of Queensland [Australia]
"Muscle and tendon adaptations to training: a functional perspective" Seynnes Olivier, Norwegian School of Sport Sciences [Norway]
"Impaired lower limb function: What's wrong in athletes with Chronic Ankle Instability?" Gehring Dominic, University of Freiburg [Germany]

Hamstring muscle function in human movement: Implications for Hamstring Strain Injury detection and prevention

Chair Cronin Neil [Finland]
"Hamstring strains in typical training tasks" McGuigan Polly, University of Bath [United Kingdom]
"Hamstring strains in high speed movements- implications for injury prevention" Cronin Neil, University of Jyväskylä [Finland]
"Factors contributing to hamstring strain injury and re-injury" Schield Anthony, Queensland University of Technology [Australia]

Fatigue and Fatigability in Health and Disease *

Chair Duchateau Jacques [Belgium]
"The Adjustments that Limit Fatigability in Healthy Young Adults" Duchateau Jacques, Université Libre de Bruxelles [Belgium]
"Fatigability Differs with Ageing and Task Demands" Hunter Sandra, Marquette University [United States]
"Fatigue Can be Unrelated to Fatigability in Clinical Cohorts" Enoka Roger, University of Colorado Boulder [United States]

Integrative fall prevention – Novel strategies to test and train neuromuscular and cardiac fall risk factors in the elderly *

Chair van Dieën Jaap [Netherlands]
"Does Heart Rate Variability (HRV) serve as a potential fall risk factor in the elderly?" Pecchia Leandro, University of Warwick [United Kingdom]
"How does training to balance on unstable surfaces change balance control mechanisms?" van Dieën Jaap, VU University Amsterdam [Netherlands]
"Acute and interventional effects of exercise training on postural control in seniors: Applicability of novel training regimes" Donath Lars, University of Basel [Switzerland]

Innovative technology for analyzing, improving and encouraging athletes' performance

Chair Witte Kerstin [Germany]
"Virtual Reality Technology: How can it help us understand decision-making in sport?" Craig Cathy, School of Psychology Queen's University Belfast [United Kingdom]
"Advanced technologies for better performance and injury prevention in snow sports" Senner Veit, Technical University Munich [Germany]
"The use of performance measuring systems for both elite and recreational athletes" Driscoll Heather, Sheffield Hallam University [United Kingdom]

The sequence of injury prevention within an international sport federation - Elite alpine ski racing as an example

Chair Müller Erich [Austria]
"Epidemiology and causes of acute knee injuries in alpine ski racing" Bere Tone, Aspetar Orthopaedic and Sports Medicine Hospital [Qatar]; Steenstrup Sophie, Norwegian School of Sport Sciences [Norway]
"Prevention measures for acute knee injuries in alpine ski racing (equipment intervention)" Kröll Josef, University of Salzburg [Austria]
"Back overuse injuries in alpine ski racing – What do we know and how to prevent them?" Spörri Jörg, University of Salzburg [Austria]

Biomechanical and physiological aspects of inclined walking

Chair Schwameder Hermann [Austria]
"Biomechanical and physiological issues of inclined walking, running and skipping" Minetti Alberto, Faculty of Medicine - University of Milan [Italy]
"Influence of tendon compliance on muscle-tendon interaction during inclined walking and stair descent" Albracht Kirsten, German Sport University [Germany]
"Joint loading in inclined walking covering diverse settings" Schwameder Hermann, University of Salzburg [Austria]

Evidence based sport physiotherapy: unweighting as a tool for early return to sport? *

Chair Cabri Jan [Norway]
"Neural and kinetic adjustments in short-term unweighting running" Nicol Caroline, Aix-Marseille Université [France]
"Short-term influence of unweighting on muscle fascicle loading" Ishikawa Masaki, Osaka University of Health and Sport Sciences [Japan]
"The use of unweighting running to detect proprioceptive impairments" Cabri Jan, Norwegian School of Sport Sciences [Norway]

Technology and modelling in game sports

Chair Duarte Ricardo [Portugal]
"The future of wearable technology for game analysis" Abt Grant, The University of Hull [United Kingdom]
"Practical impact of modern performance analysis in football" Lames Martin, Faculty for Sports and Health Sciences, Technical University of Munich [Germany]
"Game analysis in the era of big data: A synthesis approach" Duarte Ricardo, CIPER, Faculdade de Motricidade Humana, Universidade de Lisboa [Portugal]

Preventing injuries in football – What is evident? sponsored by Adidas *

Chair Gehring Dominic [Germany]
"Video analysis of ACL injuries in football – What do we know about the injury mechanism?" Krosshaug Tron, Norwegian School of Sport Sciences [Norway]
"Football shoes – Are they a risk factor for injuries?" Gehring Dominic, University of Freiburg [Germany]
"Injury prevention programs – What helps?" Bizzini Mario, Schulthess Klinik [Switzerland]

PHYSIOLOGY & SPORT MEDICINE

A close look at skeletal muscle plasticity - the dynamics of skeletal muscle cell interactions

Chair Mackey Abigail [Denmark]
"Skeletal muscle heterogeneity, plasticity and 3-dimensional organization" Prats Clara, University of Copenhagen [Denmark]
"Non-muscle cells in skeletal muscle - co-regulation or just friendly neighbours?" Chazaud Bénédicte, Université Claude Bernard Lyon 1 [France]
"Targeting satellite cells to optimise muscle adaptation - is exercise enough?" Mackey Abigail, University of Copenhagen and Bispebjerg Hospital [Denmark]

Role of the endothelium as gate-keeper controlling fatty acid uptake into skeletal muscle: Implications for metabolic health and exercise performance in sedentary and trained individuals

Chair Wagenmakers Anton [United Kingdom]
"Postprandial and exercise lipid metabolism and the mechanistic link to muscle insulin resistance" Wagenmakers Anton, Liverpool John Moores University [United Kingdom]
"Role of VEGF-A in exercise induced capillary growth and nutrient delivery to skeletal muscle" Hellsten Ylva, University of Copenhagen [Denmark]
"Role of VEGF-B in exercise induced increases in transcapillary fatty acid transport into muscle interstitium" Eriksson Ulf, Karolinska Institute [Sweden]

Statins, physical activity and muscle dysfunction *

Chair Greenhaff Paul [United Kingdom]
"Statins, mitochondrial function and physical activity" Dela Flemming, University of Copenhagen [Denmark]
"Interaction between statins, exercise and muscle symptoms" Taylor Beth, University of Hartford [United States]
"The impact of statins on muscle protein and carbohydrate metabolism" Greenhaff Paul, Nottingham University [United Kingdom]

Oxygen Uptake Kinetics in Performance, Health and Disease *

Chair Jones Andrew [United Kingdom]
"VO2 kinetics: control and relationship to performance" Jones Andrew, Exeter University [United Kingdom]
"VO2 kinetics in different modes of exercise" Sousa Ana, University of Porto [Portugal]
"VO2 kinetics in health vs. aging and disease" Poole David, Kansas State University [United States]

Active Pregnancy *

Chair Santos-Rocha Rita [Portugal]
"Guidelines for pregnancy and postpartum pelvic floor muscle training and prevalence of urinary incontinence" Bø Kari, Norwegian School of Sport Sciences, Oslo [Norway]
"Guidelines and benefits of supervised programs of moderate-intensity exercise performed throughout pregnancy" Barakat Ruben, Faculty of Physical Activity and Sport Sciences-INEF, Technical University of Ma [Spain]
"Biomechanical loading of gait during pregnancy and the guidelines for physical exercise during pregnancy" Santos-Rocha Rita, Sport Sciences School of Rio Maior - Polytechnic Institute of Santarém [Portugal]

Taking care of the respiratory health of elite athletes *

Chair Kippelen Pascale [United Kingdom]
"Mechanistic basis of 'asthma' in athletes" Kippelen Pascale, Brunel University London [United Kingdom]
"The pros and the cons of engaging in competitive swimming: a lung health perspective" Bougault Valérie, University of Lille [France]
"Inhalers for airway health or ergogenic aid?" Dickinson John, University of Kent [United Kingdom]

Exercise as a countermeasure against muscle atrophy: insight the molecular mechanism(s)

Chair Caporossi Daniela [Italy]
"Age-related changes in the response of neuromuscular system to contractile activity" Jackson Malcolm J, University of Liverpool [United Kingdom]
"The effect of short-term disuse and subsequent retraining on molecular signaling and muscle size in old vs young adults" Suetta Charlotte, University of Copenhagen [Denmark]
"Exercise in cachexia: the role of redox homeostasis" Caporossi Daniela, University of Rome Foro Italico [Italy]

HIT training - Mechanisms and applicability

Chair Mackey Abigail [Denmark]
"HIT training - mechanisms of adaptation" Gibala Martin, McMaster University [Canada]
"HIT training as a cure for type 2 diabetes?" Lund Michael, University of Copenhagen [Denmark]
"HIT training in heart patients - does it work?" Halle Martin, Technical University of Munich [Germany]

Mitochondrial function and adaptation to stressors

Chair Helge Jörn Wulff [Denmark]
"Effects of high intensity training on mitochondrial function in subcutaneous adipose tissue and skeletal muscle" Larsen Steen, University of Copenhagen [Denmark]
"Is mitochondrial function affected by hypoxia and EPO?" Lundby Carsten, University of Zurich [Switzerland]
"Mitochondrial function, hypoxia and ROS - friend or foe?" Bailey Damian, University of Southern Wales [United Kingdom]

Impact of exercise on vascular disease: benefits and mechanisms *

Chair Leicht Anthony [Australia]
"Physiological mechanisms of Exercise on Vascular Function" Adams Volker, University of Leipzig, Heart Center [Germany]
"Measuring subclinical atherosclerosis in obese children" Hanssen Henner, University of Basel, Medical Faculty [Switzerland]
"Walking training in peripheral vascular disease: cardiovascular risk, function and regulation" Forjaz Claudia, University of Sao Paulo [Brazil]

Physical activity and brain vascular function

Chair Van Lieshout Johannes [Netherlands]
"Regulation of brain blood flow and oxygen delivery in elite breath-hold divers" Ainslie Phillip, University of British Columbia [Canada]
"Dehydration after exercise - cerebrovascular control and orthostatic tolerance" Richards Caroline, University of North Texas Health Science Center [United States]
"Exercise, cerebral blood flow and perceived exertion in type 2 diabetic patients" Van Lieshout Johannes, Academic Medical Center, University of Amsterdam NL & University of Nottingham [Netherlands]

Achieving and maintaining a large weight loss: The role of exercise *

Chair Dela Flemming [Denmark]
"Effects of exercise on appetite regulation" Larsen Mads Rosenkilde, University of Copenhagen [Denmark]
"Setting realistic goals with exercise" Ross Robert, Queen's University, Kingston [Canada]
"A role for exercise after weight loss from gastric bypass" Coen Paul, Sanford-Burnham Medical Research Institute [United States]

Strategies to combat sarcopenia

Chair Wessner Barbara [Austria]
"It's never too late - Exercise interventions to attenuate age-related muscle loss" Wessner Barbara, University of Vienna [Austria]
"Pharmacological and dietary approaches to combat sarcopenia" Kadi Fawze, Örebro University [Sweden]
"Inflammation and sarcopenia" Lord Janet, University of Birmingham [United Kingdom]

Nutritional supplements to improve health and performance

Chair Bowtell Joanna [United Kingdom]
"Fundamental and emerging concepts in the redox regulation of exercise" Nikolaidis Michalis G., Aristotle University of Thessaloniki [Greece]
"A fishy story that keeps repeating: Omega-3 derived lipid mediators - do they have a beneficial role for the patient and the performer?" Lindley Martin, Loughborough University [United Kingdom]
"Polyphenols: Panacea or pariah for exercise performance and adaptation" Bowtell Joanna, Exeter University [United Kingdom]

ECSS - ACSM Exchange Symposium: Preparing for the Olympics: an European and American viewpoint *

Chair Meeusen Romain [Belgium]
"Preparing for the Olympics: the Dutch experience" Maasse Kamiel, NOC/NSF Papendal [Netherlands]
"Preparing for the Olympics: exercise and pollution" Wilber Randy, US Olympic training centre [United States]

JSPFSM-ECSS Exchange Symposium: Genetics of sports performance and its applications to health science *

Chair Nagatomi Ryoichi [Japan]
"Genetics of sports performance in Asian athletes" Fuku Noriyuki, Juntendo University [Japan]
"2.Genome-wide association studies involving Russian endurance and power/strength athletes" Ahmetov Ildus, Volga Region State Academy of Physical Culture, Sport and Tourism [Russia]
"Fitness-related genes and exceptional longevity" Lucia Alejandro, European University of Madrid [Spain]

Sports Nutrition Symposium - Prime, Perform and Recover: optimal nutrition strategies surrounding exercise sponsored by GSSI

Chair Carter James [United Kingdom]

Heat and altitude training for elite athletes sponsored by Aspetar

Chair Périard Julien [Qatar]
"Applications of heat acclimation for competitive sport performance" Daanen Hein, TNO Defence Security and Safety [Netherlands]
"High intensity training at altitude for team sports athletes" Faiss Raphael, University of Lausanne [Switzerland]
"Combining short-term heat and altitude training" Racinais Sebastien, Aspetar [Qatar]

CSSS - ECSS Exchange Symposium: Physical activity and health promotion *

Chair Tian Ye [China]
"Walking Energy Expenditure and Recommendation for Chinese Adults" Huan Wang [China]
"Effects of 4 Weeks of Maximum Lipid Oxidation Rate Intensity Training and Resistance Training on Adipose Tissue Distribution and Morphology of Obese Youth" Zhang Li [China]
"Exercise as Medicine: Focus on the effect of interval-walking in the treatment of patients with type 2 diabetes." Klarlund Pedersen Bente, University of Copenhagen [Denmark]

SOCIAL SCIENCE & HUMANITIES

The Cultures of Boxing

Chair Lewandowski Joseph D [United States]
"Boxing and Urban Culture" Lewandowski Joseph, The University of Central Missouri [United States]
"Boxing: The Art of Fighting" Nead Lynda, Birkbeck, University of London [United Kingdom]
"Boxing: From Male Vocation to Neurotic Masculinity" Scott David, Trinity College Dublin [Ireland]

Inclusive Physical Activity in Physical Education, Sport, and Rehabilitation

Chair Dinold Maria [Austria]
"The role of rehabilitation to enhance an active lifestyle & sport participation in people with a disability" De Groot Sonja, Amsterdam Rehabilitation Research Center, University of Groningen, [Netherlands]
"Promoting Inclusion in Physical Education Through Collaboration Directed Strategies" Klavina Aija, Latvian Academy of Sport Education [Latvia]
"Accessibility in sports facilities" Kilpelä Niina, The Treshold Association [Finland]

The Fan Can: The media and football supporter communities as enablers of multicultural environments

Chair Radmann Aage [Sweden]
"Writing who we are: Social change and the negotiation of multicultural community through football fanzines and 'e-zines'" Hynes Deirdre, Manchester Metropolitan University [United Kingdom]
"Participation, learning and organizing" Krövel Roy, Oslo and Akershus University [Norway]
"Supporter culture – for whom? How women perceive football arena culture" Radmann Aage, Malmö University [Sweden]

Sport with People Crossing Borders

Chair Ley Clemens [Austria]
"Becoming at home across borders? Sport and the politics of belonging" Spaaij Ramon, Victoria University, Australia & University of Amsterdam, Netherland [Netherlands]
"Dance Movement Therapy with Refugees" Koch Sabine C., SRH University of Heidelberg, Germany [Germany]
"Sport and exercise therapy with people forced to cross borders" Ley Clemens, University of Vienna [Austria]

Psychological Disorders in Elite Sports

Chair Beckmann Jürgen [Germany]
"Preventing burnout and depression in high level young athletes" Beckmann Jürgen, Technical University Munich [Germany]
"When achievement striving goes awry" Hall Howard, York St. John Univerity [United Kingdom]
"Social Cognitive Aspects of Burnout" Lemyre Nicolas, Norwegian School of Sport Sciences, Oslo [Norway]

(Self-)Improvement in and through Sports and Physical Exercise – Historical Perspectives

Chair Dikettmüller Rosa [Austria]
"The (Self-) Creation of the Body under the Fitness-Paradigm since the 1970s" Muellner Rudolf, University of Vienna / Centre for Sport Science and University Sports [Austria]
"What's natural? The Development of Technoscience and the Fear of Cyborgs in Sport" Guenter Sandra, Norwegian University of Science and Technology [Norway]
"Transformations in the Acceptance of the Dis-eased Female Body in the Public Space since the mid-20th Century: The Role of Sport and Physical Exercise" Hofmann Annette, Ludwigsburg University of Education [Germany]

Team sport and acculturation dynamics in multicultural societies – A FEPSAC invited symposium

Chair Elbe Anne-Marie [Denmark]
"Team sport and acculturation dynamics in multicultural societies – The theoretical framework" Sanchez Xavier, University of Cumbria [United Kingdom]
"Team sport and acculturation in multicultural societies: The perspective of the dominant culture" Hatziogeorgiadis Antonis, University of Thessaly [Greece]
"Team sport interventions promoting inclusion of migrants in the school setting" Elbe Anne-Marie, University of Copenhagen [Denmark]

"Interculturality in Sports" – different approaches, effects and dilemmas

Chair Giess-Stueber Petra [Germany]
"Evaluating an intercultural education program for physical education" Gieß-Stüber Petra, University of Freiburg [Germany]
"Assessing intercultural processes and outcomes in the field of sport for development and peace" Rato Barrio Maria, Universidad Politécnica de Madrid [Spain]
"French melting-pot and 'ethnic preference' in Sport: The example of Turkish amateur football clubs" Gasparini William, University of Strasbourg [France]

Evidence-based physical activity policy

Chair Rütten Alfred [Germany]
"Evidence-based physical activity policymaking in health promotion: What it is and how it can be developed" Rütten Alfred, Friedrich-Alexander-Universität Erlangen-Nürnberg [Germany]
"The Physical Activity Policy Audit Tool: What, where and how?" Kahlmeier Sonja, University of Zurich [Switzerland]
"Human Powered Mobility Supporting Sustainability: Energy, Environment and Education" Titze Sylvia, University of Graz [Austria]

*clinical track

