

PROGRAMME



Winter Universiade (WU) Conference 2013

International Interdisciplinary Conference on "University Sport: Inspiring Innovation"

5th International Congress Mountain Sport and Health (MSH) 2013

Updating study and research from laboratory to field

December 9-10, 2013

Sunday, 8 December

Arrivals in Rovereto/Trento

Monday, 9 December

8.30 - 9.30 **Registration**

9.30 - 10.00 **Conference Opening - Institutional Welcome (MIA)**

- Andrea Miorandi, Mayor of Rovereto
- Sergio Anesi, President of Trentino 2013 Winter Universiade, member of the Executive Committee of CONI
- Rossana Ciuffetti, Director of the School for Sport at CONI
- Alison Odell, Chair of FISU Educational Committee
- Sara Ferrari, Regional Minister for University and Research, Youth Policy, Equal Opportunities, Development Cooperation
- Androulla Vassiliou, European Commissioner for Education, Culture, Multilingualism and Youth; responsible for the European Institute of Innovation and Technology [video message]
- Daria de Pretis, Rector of University of Trento

10.00 - **Introduction to WU Conference & MSH-2013 (MIA)**
10.15

- Paolo Bouquet, University of Trento
- Federico Schena, University of Verona

10.15 - **A new Alliance between Innovation/Employment, Education/University & Sport (MIA)**
11.00

- Thierry Zintz, Olympic Chair Henri de Baillet Latour – Jacques Rogge in Management of Sport Organisations at the Faculty of Sports Sciences of the Université Catholique de Louvain; Chairman of the European Observatory of Sport and Employment (EOSE).
- Rossana Ciuffetti, Director of the School for Sport at CONI

11.00 - **Coffee Break**
11.30

11.30 - **Academic Research and Sport: a new landscape for academia and innovation**

12.00 (MIA)

- Fabio Pigozzi, Rector of University Roma “Foro Italico”, President of International Federation of Sports Medicine (FIMS).
The protection of the athlete health a common challenge for sports medicine and sport science.

Discussant: Federico Schena, University of Verona

12.00 - **Interconnections between applied research and sport**
13.00

- Claude Stricker, Executive Director, International Academy of Sports Science and Technology (AISTS), Lousanne

Chair: Alison Odell, Chair of FISU Educational Committee

Discussant: Paolo Bouquet, University of Trento

MSH2013 (MICON)

Thematic session: **Ultra endurance performance**

- Carlo Capelli

Running economy during a simulated 60-km race

- Gianluca Vernillo

Energetics in ultra-endurance performances

- Jonas Saugy

Neuromuscular and inflammatory process of the Most Challenging Mountain Ultra-Marathon

- Luca Ardigò

Ultra Endurance Walking Challenge: Preliminary Results of Affi 2013

13.00 - **Lunch**

14.00 Visit to MART Museum: 13.15 first group, 13.30 second group - Visit duration approx. 45 minutes

Visit to Cerism Research Center

14.00 - **Innovation, University & Sports: a platform for action? The present and the future** (MIA)
14.45

- Fabio Filocamo, Director of Industrial Research, Italian Ministry of Universities and Anti-Doping Lawyer at CONI
- Minister Enrico Giovannini, Minister of Labour and Social Policy in the Italian Government.

[video message]

Chair: Paolo Bouquet

14:45 - **Poster session** (MIR1 - MIR2)
15.30

15.30 - **Parallel Paper Session**
16.30

- **WU Research - Education** (MIR1)
- Dominic Southgate and Peter Childs, Imperial College London.

Harnessing student creativity to design novel sports equipment: The Rio Tinto Sports Innovation Challenge

- Jayne Wilson and Karen Rothery, Sport Industry Research Centre, British Universities Colleges Sport

The impact of sport on graduate employability

- Paolo Bertaccini Bonoli, Università Cattolica, Milan

Professional Innovation in Sports to Improve Life Quality in Local Communities

Chair: Gyongyi Foldesine, Semmelweis University , FISU Educational Committee

- **WU Research - ICT Simulation (MIR2)**

- Andrea Mola, Edie Miglio, Claudia Giannini and Antonio Desimone, Trieste's International School of Advanced Studies (SISSA) and Politecnico di Milano

A Model for the Simulation of Rowing Boats Dynamics in Race Conditions

- Andrea Piccaluga and Andrea Paraboschi, Scuola Superiore Sant'Anna
The role of digital innovations in shaping the evolution of sports

- Dino Zardi, Lorenzo Giovannini, Lavinia Laiti and Luca Panziera, University of Trento

Sports and weather: challenges for research and forecasting

- Wei Yu , Capital Institute of Physical Education

Sports motion analysis based on mobile sensing technology Simulation

Chair: Arnauld Richard, University of Montpellier III, CNRS, FISU Educational Committee

- **MSH2013 (MICON)**

Thematic session: **Technology and material for sport**

- Nicola Petrone

Technology contribution to the improvement of ski equipment

- Lorenzo Bortolan

Foot temperature map in simulated alpine skiing

- Martino Colonna

Visco-elastic and damping properties of plastic materials used for winter sport equipment

16.30 -
17.00

Coffee Break

17.00 -
18.00

Parallel Paper Session

- **WU Research - Sport and society (MIR1)**

- Hao Cheng and Chao Ren, Capital University of Physical Education and Sports and China Foreign Affairs University

The Introduction of Western Sport into Chinese Traditional Dance

- Aleksandra Pilecka, University of Granada

Sport, art and spectacle – the semantics of an inspiring relationship between sport and culture using the Opening Ceremonies of the Olympic Games as an example

- Yongsheng Sun and Wensheng Wang, Capital University of Physical Education and Sports

College Sports Education and Cultivation of Students' Creative Abilities

- Vladimir Kolmakov, Siberian Federal University

Support collaboration to enable high-quality sport sciences education in Siberian Federal University

Chair: Renata Bojczuk, Polish National Sport Federation, FISU Educational Committee

- **WU Research - Sport and society** (MIR2)

Special Projects University of Trento

Chair Paolo Bouquet

Sara Spilimbergo: **Coconut drink**

NicuSebe: **Observing attention**

Lucia Savadori: **Taking risky decisions in winter sports**

Luca Fambri: **SkiWax2013**

Maurizio Fauri: **Zero Emission, Climate Friends**

- **MSH2013** (MICON)

Thematic session: **Functional responses to hypoxia and aging**

- Carlo Reggiani

Loss of contractile force in single muscle fibres with aging

- Massimo Venturelli

Muscular efficiency and age-related pulmonary dysfunction: is there an association?

- Elisa Calabria

Effects of ageing and physical exercise on immunosenescence

18.00 -

19.00

Cocktail

19.30

Social Dinner

Tuesday, 10 December

8.30 - 9.15 Registration

9.15 – 10.00 **University and Innovation: the role of sport** (MIA)

- Stefano Paleari, President CRUI (Italian Conference of University Rectors, member of the Governing Board of the European University Association)
University, Innovation & Sport: a personal and an academic perspective
- Debra Mountford, OECD Paris; Mike Emmerich, Chief Executive of New Economy, Manchester

Local Development Benefits from Staging Global Events

- Oleg Matytsin, Firs Vice-President FISU

Chair: Paolo Collini, University of Trento, Vice Rector and Delegate for teaching activities

10.00 -
11.00

Parallel Paper session

- **WU Research Telethon** (MIA)
- Maria Pennuto, Telethon, CIBIO
Spinal and bulbar muscular atrophy: from bench to bedside
Chair: Alessandro Quattrone, Director of Center of Integrative Biology (CIBIO) and Vice Rector for Research University of Trento
- **WU Research - Sport Industry** (MIR2)
- Martin Doulton, Monash University
A Game Changing Investment for the Australian Sports Tech Industry

- John Douvis, Elena Sarli and Stavros Douvis, University of Peloponnese and National and Kapodestrian University of Athens
An Analysis of Sponsorship Deals in Sport Industry

- Zhouliang Gu and Jiandong Yi, Promo Sports Company, Jiangxi University of Finance and Economics
Sports Blue Book: promote the development of the sport industry-related think tanks established by Chinese universities

Chair: Anthony Davis , University of Technology Giamaica, FISU Educational Committee

- **MSH2013** (MICON)
Thematic session: **Risks and dangers in mountain**
- Nicola Pugno
The unacknowledged risk of Himalayan avalanches triggering

- Enrico Rettore
Cognitive biases in the mountaineers' assessment of the avalanche risk

- Pietro Trabucchi
Training for risk perception and management

11:00 -
11:30

Coffee break

11.30 -
12.30

Parallel Paper session

- **WU Research - Sport and Law** (MIA)
- Pasquale de Lise, President Scientific Committee CUSI and President Hemeritus “Consiglio di Stato”
University Sport in Italian Law System

- Umberto Izzo, University of Trento
"Safety and liability in the practice of skiing: how law and cognitive

sciences shape the driving force of winter tourism destinations and how we can set the balance right

- Angelo Altieri, Italian Society of Sport Management
“Framing Social responsibility in Italian Sport Sector

Chair: Giuseppe Bellantuono, University of Trento

- **WU Research - Sport and Materials Engineering (MIR1)**
- Stefano Rossi, University of Trento
The bio-inspiration and symbolic aspects of Universiade Torch and Cauldron

- Paolo Berro, WIND
Wind Innovation Projects for Sport

- Stefano Signetti and Nicola Pugno
Nature inspires helmets for sports competitions

Chair: Flavio Deflorian, University of Trento

- **MSH2013 (MICON)**
Thematic session: **Walking for health: why, when, how**
- Laura Guidetti
Walking for health in normal, overweight and obese person

- Barbara Pellegrini
Nordic Walking health related characteristics

- Alessandro Grainer
Physiological and perceptual responses to Nordic Walking in a natural mountain environment

- 12.30 -
13.15
- Annalisa Cogo, University of Ferrara
“Research in the mountain: from the headache mountain to the Pyramid Lab” to be announced

13.15 -
14.15

Lunch

- 14.15 -
15.15
- Antonello Marega, President of European Platform for Sport Innovation (EPSI), President of WG R&D of FESI (Federation European Sporting goods Industries). (MIA)
Sport and Society: business, technology, health
 - Marco Senigalliesi, European Institute of Technology

15.30 -
17.00

University & Sport: a vision for the future (MIA)

- Claude-Louis Gallien, FISU President
- Giovanni Panebianco, Director of the Sport Office, Italian Presidency of the Council of Ministers
- Marco Mancini, Head of the Department for University and Research, Italian

Ministry of Universities

- Ugo Rossi, President, Autonomous Province of Trento (PaT)
- Giovanni Malagò, Italian Olympic Committee (CONI)
- Leonardo Coiana, President CUSI
- Antonio Tajani, European Commission Vice-President and Commissioner in charge of Industry and Entrepreneurship [video message]
- Innocenzo Cipolletta, President University of Trento and Honorary Committee WU

- 17.00 - **Signature of the Declaration (MIA)**
17.15 **Concluding remarks**, Allison Odell, Chair of FISU Educational Committee
17.15 **Arrival of the Torch at the International conference**
18.00 - **Innovation Session with Corriere Innovazione /Corriere della Sera - in Italian)**
19.00 (MICON)

Locations

MIA = Mart Auditorium

MIR1 = Mart Room 1

MIR2 = Mart Room 2

MICON = Mart Conference Room

UIA = University Aula Magna