

***ISPO 6TH CENTRAL EUROPEAN REGIONAL CONFERENCE
25-26-27 AUGUST 2011 NYÍREGYHÁZA, HUNGARY***

PROGRAMME



THURSDAY, 25 AUGUST 2011

19.30 Opening banquet

FRIDAY, 26 AUGUST 2011

8.00 – 9.30 Session 1

Upper limb amputation and prosthetics

Chairs: Helena Burger - Dick Plettenburg

- U.01. Outcome measure in the process of prosthetic care
Helena Burger, Slovenia (invited speaker)
- U.02. Voluntary closing prostheses
Dick Plettenburg, The Netherlands
- U.03. The first experiences with bionic prosthetic hand
Helena Burger, Slovenia
- U.04. Upper limb prostheses for persons whose stumps are covered with grafts and scars
Matej Burgar, Slovenia
- U.05. Subcutaneous implant supported attachment of exoprostheses for transhumeral amputees
Andreas Gradischar, Austria
- U.06. Comparison of two tests for children following upper limb amputation
Darinka Brezovar, Slovenia
- U.07. Impact of Finger Amputation on Hand Function (poster)
Zala Kuret, Slovenia

9.30 – 9.45 Coffee break

9.45 – 11.15 Session 2

Lower limb amputation and prosthetics I.

Chairs: Harmen van der Linde – Malte Bellmann

- L.I.01. Post-operative management in amputation
Harmen van der Linde, The Netherlands (invited speaker)
- L.I.02. Biomechanical characteristic of the knee joints
Malte Bellmann, Germany (invited speaker)
- L.I.03. Bilateral lower extremity amputees. Success of rehabilitation program
Romana Petkovšek-Gregorin, Slovenia
- L.I.04. Chopart amputation of diabetic neuropathic foot
Peter Farkas, Hungary
- L.I.05. The influence of silicone foot prostheses on gait in subjects after Chopart amputation (poster)
Dominik Erzar, Slovenia
- L.I.06. The professional model of a work psychology protocol adaptable to physical rehabilitation (poster)
Gabriella Mészáros, Hungary

11.15 – 11.30 Coffee break

11.30 – 13.00 Session 3

Lower limb amputation and prosthetics II.

Chairs: Jan H.B. Geertzen – Peter Farkas

- L.II.01. Phantom pain
Jan H.B. Geertzen, The Netherlands (invited speaker)
- L.II.02. Failures of the amputation stump during the rehabilitation
Peter Farkas, Hungary
- L.II.03. Exercise testing as screening measure for ability to walk with prosthesis after transfemoral amputation
Tatjana Erjavec, Slovenia
- L.II.04. Liners vs. Soft Socket Trans Tibial fittings
Levente Varga, Hungary
- L.II.05. Standing balance in unilateral dysvascular amputees
Agnes Mayer, Hungary

L.II.06. Living a life after bilateral amputation

Judit Magyari, Hungary

L.II.07. Quadrilateral socket design vs. ICS socket design

Levente Varga, Hungary

13.00 – 14.30 Lunch

14.30 – 16.30 Session 4

Orthotics

Chairs: Franz Landauer – Kalman Bolla

O.01. New technology for limb fixation. New opportunities for rehabilitation

Kalman Bolla, Hungary (invited speaker)

O.02. Cerebral Palsy („Time is running”)

Franz Landauer, Austria (invited speaker)

O.03. Functional strength training with postural correction in Cerebral Palsy: a new approach with the Thera Suit method

Zsuzsanna Vekerdy, Hungary

O.04. Application of 3-D ultrasound in fitting of spinal orthosis to the patients with adolescent idiopathic scoliosis

M.S. Wong, Hong Kong

O.05. Pressure distribution measurements to evaluate ankle foot orthosis in asymptomatic adults

Mojtaba Kamyab, Iran

O.06. Comparison of balance performance between modified and conventional Solid Ankle Foot Orthosis in asymptomatic adults

Mojtaba Kamyab, Iran

O.07. Application of prefabricated orthoses in drugstores and specialised shops

Josip Horvat, Slovenia

16.30 – 16.45 Coffee break

16.45 – 18.15 Session 5

Orthotics and footwear

Chairs: Edward Lemaire – Robert Mezo

OF.01. Functional anatomy of the foot

Erich Brenner, Austria (invited speaker)

OF.02. Orthotic treatment of spastic patients

Robert Mezo, Hungary (invited speaker)

OF.03. Preliminary Evaluation of a Linear Hydraulic Angular-Velocity Control Knee Ankle-Foot Orthosis

Edward Lemaire, Canada

OF.04. Arthrodesis of the ankle and treatment with AFO in severe diabetic Charcot deformity or instability

Peter Farkas, Hungary

OF.05. Outcome measurements for orthotic Interventions for the charcot foot patient

Hale Steven Peterborough, Canada

OF.06. Chrisofix splinting in the rehabilitation of CMC and I. MCP osteoarthritic joints

Gabor Ormos, Hungary

OF.07. What is the optimal design of a rocker shoe?

Jonathan Chapman, UK

OF.08. A 3D foot scanner with integrated plantar pressure measurement

Montiel Enrique Elda, Spain

OF.09. Using body-worn sensors to measure activity patterns in diabetic individuals (poster)

Jonathan Chapman, UK

20.00 Gala Dinner

27 AUGUST, 2011 SATURDAY

8.30 – 9.00 Work-shop

W.01.Negative Pressure Socket System 0049
Stephen Rinko, USA

9.00 – 10.30 Session 6

High-tech technologies and robotics in rehabilitation

Chairs: Crt Marincek – Gabor Fazekas

H.01. High-tech assistive technologies for users with severe motor disabilities
Crt Marincek, Slovenia (invited speaker)

H.02. Robotic devices for supporting rehabilitation
Gabor Fazekas, Hungary (invited speaker)

H.03. Robots for upper limb rehabilitation: solutions for human-machine connection
Orsolya Péter, Hungary

H.04. User requirements for home-care robots
Katalin Zsiga, Hungary

H.05. Biomechatronic design of hip and ankle modules of a wearable robot assisting gait at the elderly
András Tóth, Hungary

H.06. A small, easy to use, portable motion analysis system, for supporting orthopaedic decisions
Montiel Enrique Elda, Spain

H.07. A new non contact position sensor to track marks hidden by the shoe
Montiel Enrique Elda, Spain

10.30 – 10.45 Coffee break

10.45 – 12.15 Session 7

Orthotics in neurorehabilitation

Chair: Dirk van Kuppevelt – Laszlo Schwirtlich

ON.01. Restoration of walking after CNS (central nervous system) laesion
Laslo Schwirtlich, Serbia (invited speaker)

ON.02. Use of the Locomat (walking robot) in SCI (spinal cord injured) persons (invited speaker)
Dirk van Kuppevelt, The Netherlands

ON.03. A pilot study on the effect of ankle-foot orthoses on the vertical displacement of the centre of mass in patients with stroke hemiplegia
Leung Aaron K.L., Hong Kong

ON.04. Wearable motion measurement sensors for assessment of reach and grasp function post-stroke in five activities of daily living

László Gelányi, Hungary

ON.05. Prefabricated ankle orthoses for prevention of foot drop
Tjaša Lahovic, Slovenia

ON.06. Clinical objective gait analysis of a stroke patient using an AFO and KAFO
Hale Steven Peterborough, Canada

12.15 – 13.45 Lunch

13.45 – 15.00 Session 8

Education on P&O and rehabilitation (round table)

Chair: Mehmed Latifagic – Lajos Kullmann

E.01. The vital importance of clinical education and recognition of competency in today's world of P&O

Wm. C. Neumann, Germany (symposia)

E.02. E-learning methodology in P&O. Distance learning education
Mehmed Latifagic, Bosnia (Invited speaker)

E.03. Opinion of certified prosthetists and orthotists on the International Classification of Functioning, Disability and Health (ICF)
Maja Mlakar, Slovenia

E.04. Education in Hungary
Lajos Kullmann, Hungary

E.05. Education of P&O's in Hungary
Lajos Agoston, Hungary

E.06. Education of P&O and rehabilitation in Slovenia
Crt Marincek, Slovenia

E.07. Physical and Rehabilitation Medicine in Slovakia. Current situation and perspectives
Peter Takacs, Slovakia

15.00 – 15.15 Closure