



# CONFERENCE PROGRAMME

## **Thursday, 27<sup>th</sup> September**

13.00 – 15.00 Registration / Accommodation

13.00 – 14.30 Lunch

15.15 Opening ceremony

**15.30 – 17.00 Plenary session I: neural mechanism of movement (Chair: Slobodan Jaric, Joachim Raczek)**

15.30 – 16.15 – Anatol Feldman (University of Montreal): Corticospinal control of motor actions

16.15 – 17.00 – Mark Latash (Penn State University): Movements that are both variable and optimal

19.00 Dinner

## **Friday, 28<sup>th</sup> September**

8.00 – 9.00 Breakfast

**9.15 – 11.30 Plenary session II: motor learning and variability of movement (Chair: Mark Latash, Wiesław Osiński)**

9.15 – 10.00 – Klaus Blischke (Saarbrücken University) Sleep-related enhancement consolidation in motor skill learning - moving beyond the SRTT-paradigm

10.00 – 10.45 – Evangelos A. Christou (University of Florida): Aging, motor output variability and learning novel motor tasks

10.45 – 11.30 – Normand Teasdale (Université Laval) Learning a complex visuo-motor task and balance control in older individuals

11.30 – 11.45 Coffee break

**11.45 – 13.45 Poster session I (Chair: Anna Jaskólska, Grzegorz Juras)**

14.00 – Lunch

**16.00 – 18.30 Plenary session III: control of posture (Chair: Mindy Levin, Janusz Błaszczyk)**

16.00 – 16.45 Normand Teasdale (Université Laval) Movement and balance control limitations related to obesity

16.45 – 17.00 Coffee break

17.00 – 17.45 – Alexander Aruin (University of Illinois) Anticipatory postural adjustments: what we know and what we don't

17.45 – 18.30 – Marcos Duarte (Federal University of ABC) Contrasting views on human postural control

19.30 Dinner

## **Saturday, 29<sup>th</sup> September**

8.00 – 9.00 Breakfast

**9.15 – 10.45 Plenary session IV: from theory to clinical applications (Chair: Marcos Duarte, Alexander Aruin)**

9.15 – 10.00 – Slobodan Jaric (University of Delaware) Grip force control in static manipulation tasks

10.00 – 10.45 – Anna Jaskólska (Academy of Physical Education in Wrocław) Study on neuromuscular plasticity in humans related to disease and exercise

10.45 – 11.00 Coffee break

**11.00 – 12.30 Poster session II (Chair: Klaus Blischke, Bogdan Bacik)**

**12.30 – 14.00 Plenary session V: from theory to clinical applications (Chair: Mark Latash, Normand Teasdale)**

12.30 – 13.15 – Mindy Levin (McGill University) Redundancy and compensation in adaptation to injury

13.15 – 14.00 – Jan Celichowski (Academy of Physical Education in Poznań) Plasticity and variability of motor unit contractile properties

14.00 Summary of the conference and closing ceremony

14.30 Lunch