

# 5<sup>th</sup> International State-of-the-Art Congress

Groningen, The Netherlands, April 23-25, 2014

## REHABILITATION:

## MOBILITY, EXERCISE & SPORTS



Rehabilitation: 'Mobility, Exercise & Sports' is the 5<sup>th</sup> edition of our International State-of-the-Art Congress. It builds on the strong and natural link between rehabilitation and human movement sciences. High standard thematic keynotes and free presentations are combined with posters and exhibition in a concise area and sociable atmosphere in the City of Talent!

Deadline Abstract Submission:  
**December 16<sup>th</sup>, 2013**

Deadline Early Bird Registration:  
**March 3<sup>th</sup>, 2014**

- Wheeled Mobility
- Handcycling
- Modeling
- Prosthetics & Orthotics
- Exercise Capacity
- Daily Physical Activity
- Training Strategies
- FES Induced Exercise
- (Elite) Adapted Sports Performance
- Walking & Running
- Sports Injuries
- Ethical Considerations
- Healthy Ageing
- Robotics & Virtual Reality

### PRINCIPLES OF LEARNING AND MOTOR (RE-)LEARNING IN REHABILITATION

Prof. **Karl Newell** PhD (USA)

### BALANCE AND ENERGETICS DURING WALKING AND RUNNING IN IMPAIRED ADAPTED SPORTS

Prof. **Bert Otten** PhD (Netherlands)

### FUTURE REHABILITATION DIAGNOSTIC TECHNOLOGY: MATCHING THERAPIES TO PATIENTS

Prof. ir. **Jaap Harlaar** PhD (Netherlands)

### PHYSICAL ACTIVITY GUIDELINES FOR PEOPLE WITH A DISABILITY

Prof. **Carol Ewing Garber** PhD, FACSM, FAHA (USA)

### THE COST OF IMPAIRED WALKING

Prof. **Joseph Czerniecki** MD, PhD (USA)

### ETHICAL CONSIDERATIONS IN (ELITE) ADAPTED SPORTS

Prof. **Mike McNamee** BA, MA, PhD (UK)

### ELITE ADAPTED SPORTS PERFORMANCE

**Claudio Perret** PhD (Switzerland)

### SPORTS INJURIES

**Nick Webborn** PhD, MSc (UK)

### AGING, CHRONIC DISEASE, ACTIVE LIFESTYLE & SPORTS

Prof. **James Rimmer** PhD (USA)