

2021 Conference Research Master Human Movement Sciences

Monday August 23

Tuesday August 24

Location: WN-KC137 (W&N Building)
(VU Campus map: <https://vu.nl/en/about-vu/more-about/vu-campus-map>)

For supervisors, family and friends:
<https://vu-live.zoom.us/j/99649825093>

Meeting ID: 996 4982 5093
Passcode: 220510

Monday August 23

09.00-09.20	Coffee	
09.20-09.30	Opening Dr. Huub Maas	
09.30-10.20	Keynote speaker - Dr. David Mann “Making Paralympic competition fairer: out of the lab and into the flame”	
10.20-10.40	David Ankomah	The Development of Critical Skill Attributes in Team sports: The Role of Early Sport Diversification and Talent Transfer in Football
10.40-11.10	Break + Coffee	
11.10-11.30	Jessica Spies	The association between dynamic and static sport components and hinge point fibrosis in elite athletes
11.30-11.50	Nina Loos	Using a machine learning approach to predict clinical improvement following surgery for thumb carpometacarpal osteoarthritis
11.50-13.00	Lunch	
13.00-13.10	Announcement by Director AMS Institute (Prof. Richard Jaspers)	
13.10-14.00	Keynote speaker - Dr. Inge Zijdewind “Motor unit discharge characteristics in muscles weakened by spinal cord injury”	
14.00-14.20	Jorien Langstraat	Genetic analysis of Café-au-Lait skin cells for development of FD/MAS affected bone cells
14.20-14.40	Louise van Muijlwijk	Clinical feasibility of two different 3D-Ultrasound protocols for imaging the <i>m. gastrocnemius medialis</i>
14.40-15.00	Jaimy van den Hout	Balance problems play a role in the higher energy cost of walking in persons with Multiple Sclerosis at comfortable walking speed
15.00-15.30	Break + Coffee	
15.30-15.50	Babette Mooijekind	Dynamic hyperreflexia during gait in children with spastic paresis based on ultrasound-derived fascicle lengthening
15.50-16.10	Katja Podvinsek	The Effects of Neuromuscular Electrical Stimulation on Blood Pressure in Individuals with Spinal Cord Injury

Tuesday August 24

9.30-10.10	Coffee	
10.10-11.00	Keynote speaker - Dr. Klaus Linkenkaer Hansen "A brain in balance"	
11.00-11.20	Matthias Verstraelen	Heat strain and performance during running after cycling in the heat – a Tokyo 2020 simulation
11.20-11.40	Lucas Mensink	Balance strategies; independence and limiting factor
11.40-12.40	Lunch	
12.40-13.00	Patricia Pimenta	Reduced trunk kinematic variability in low back pain may be a reflection of movement planning
13.00-13.20	Sjoerd Peters	Real-time estimation of desired support for a trunk support exoskeleton
13.20-13.40	Dilini Jayakody	Influence of muscle fatigue on trunk stabilization of rowers with a history of low back pain
13.40-14.10	Break + Coffee	
14.10-14.30	Yola Sol	Do Osteocyte-Derived Extracellular Vesicles Cause Unloading-Induced Osteoclastogenesis?
14.30-14.50	Maia Sobejana	Investigating the Effects of Exercise Therapy on Cardiorespiratory Fitness in Patients with Rheumatoid Arthritis with High Cardiovascular Disease Risk
14.50-15.00	Closing	
15.00	Drinks	