

# Amsterdam Movement Sciences

# Annual Research Meeting

## Date & Time

2 April 2026, 8:30 – 19:00 hrs

## Venue

KIT, Royal Tropical Institute, Mauritskade 63,  
Amsterdam

## Workshops

### Topics:

- *Combined physical examination and radiology for different hand and wrist pathologies* - Miryam Obdeijn & Frank Smithuis
  - **Room: 05 Board room**
- *One-dimensional statistical parametric mapping for motion analysis* - Jos Vanrenterghem
  - **Room: 10 Maxima Hall**
- *(peer)mentoring and networking* - Janneke Schwaner
  - **Room: 04 Council room**
- *Fit for the Job! Overview and Workout* - Don de Winter
  - **Room: 02 Maurits Room**
- *Making impact through valorisation* - Christopher Ashbrook
  - **Room: 08 Claus Room**
- *The practical side of Data Management* - Jolien Scholten, Agustin Medina, Elize Vlainic, Meriem Manani
  - **Room: 07 Emma Room**

Scan to get  
information on the  
workshops



Scan to get  
information on the  
break-out sessions



## The 9th AMS Annual Research Meeting Programme:

### Time

- 8:30 *Registration & Coffee*
- 9:00 Opening & AMS update: **Prof. dr. Richard Jaspers** & **Prof. dr. Hans Tol**
- 9:15 Keynote 1: **Prof. dr. Peter Beek** (Human Movement Sciences, VU Amsterdam): *Varying perspectives on interindividual variability in motor performance and learning.*
- 10:00 Societal Impact award Presentation & Outstanding Paper Award Presentations
- 10:25 *Coffee break*
- 11:00 Break-out Sessions (for details see the blue QR-code or the back);
- Break-out Session I; *Ageing & Vitality and Rehabilitation & Development*
    - **Room: 02 Maurits Room**
  - Break-out Session II; *Musculoskeletal Health and Tissue Function & Regeneration*
    - **Room: 04/05 Downing street**
  - Break-out Session III; *Sports Science*
    - **Room: 10 Maxima Hall**
- 12:10 Poster Session I; even numbered posters
- 12:40 *Lunch*
- 13:10 Poster Session II; odd numbered posters
- 13:45 Presentations;
- **Elze Geurts**: *Eight out of ten patients participate at their desired level of sports after talar osteoperiostic grafting from the iliac crest for large osteochondral lesions of the talus.*
  - **Tom Kerkhoff**: *The effects of serum, containing myositis-specific autoantibodies, on muscle fiber contractility in Immune-Mediated Necrotizing Myopathy.*
  - **Joep Suskens**: *Creating space in small joints for visual evaluation and surgical treatment of osteoarthritis.*
- 14:15 Workshops
- 15:15 *Coffee break*
- 15:40 Keynote 2: **Prof.dr. Bas Bloem**, (Radboud UMC): *The importance of exercise for people with Parkinson's disease.*
- 16:25 Winner of Best Poster Awards & closure
- 16:35 Social activity
- 17:00 *Networking Reception*

# Amsterdam Annual Movement Research Sciences Meeting

11:00-12:10u

## Break-out Sessions

**Break-out Session I:  
AMS- Ageing & Vitality and  
AMS- Rehabilitation &  
Development**

**Break-out Session II: AMS-  
Musculoskeletal Health and  
AMS- Tissue Function &  
Regeneration**

**Break-out Session III:  
AMS- Sports Science**

**Room: 02 Maurits Room**  
*Moderators: Victoria Milbourn  
& Merel Brehm Room:*

**Room: 04/05 Downing street**  
*Moderators: Ton Schoenmaker  
& Ibrahim Korkmaz*

**Room: 10 Maxima Hall**  
*Moderators: Aske Gye Larsen &  
Ivo Lutke Schipholt*

11:00-11:40u

Distinguished lectures:  
**dr. Melissa Hooijmans, VU  
Amsterdam:** *Interleaved 31P-  
MRS and 1H-MRI to assess  
mitochondrial and capillary  
function in the upper arm and  
leg muscles of young and old  
individuals &*  
**dr. Jaap van Netten,  
Amsterdam UMC:** *Moving the  
goalpost – how research  
contributes to the paradigm  
shift from “preventing ulcers”  
to “(safely) improving activity”*

Distinguished lectures:  
**dr. Jasper Koning, Amsterdam  
UMC:** *The road towards human  
immunocompetent,  
vascularized in vitro skin  
models &*  
**dr. Maarten Steinz, Amsterdam  
UMC:** *Systemically elevated  
inflammatory cytokine IL-6 in  
established rheumatoid  
arthritis affects muscle  
mitochondrial respiration*

Distinguished lectures;  
**dr. Jos de Koning, VU  
Amsterdam:** *Measuring VO2  
accurately seems easy, but  
reality is different &*  
**dr. Guus Reurink, Amsterdam  
UMC:** *Acute muscle injuries:  
from science to clinical  
practice*

11:40-11:50u

**Braeden Charlton, VU  
Amsterdam:** *An inability to  
recover: reduced regenerative  
markers and altered  
metabolism in patients with  
me/cfs and long Covid*

**Roland Bumbuc, Amsterdam  
UMC:** *The acute phase  
response to burn injury: an in-  
silico modeling approach*

**Timo van den Bogaard, VU  
Amsterdam:** *Responsiveness of  
the calera research sensor to  
heat-acclimation-induced  
reductions in rectal  
temperature*

11:50-12:00u

**Jules Cool, Amsterdam UMC:**  
*Radiation reduction in  
computer-assisted spinal  
deformity surgery using 3D and  
2D pediatric specific low-dose  
fluoroscopy protocols*

**Hadi Seddiqi, ACTA:** *Perfusion  
cell culture induces oxygen  
diffusion and osteogenic  
activity in multi-channeled  
critical-size silk fibroin  
scaffolds with pre-osteoblasts:  
experimental and finite  
element modeling study*

**Michel de Haan, VU  
Amsterdam:** *Disentangling the  
relationships between muscle  
characteristics and physical  
capacities in young elite soccer  
players*

12:00-12:10u

**Arienne Gravesteijn,  
Amsterdam UMC:** *Sustained  
Benefits of a Multi-Domain  
Lifestyle Intervention in  
Multiple Sclerosis in the LIMS  
study: A 24-Month Follow-Up*

**Antong Wu, VU Amsterdam:**  
*Metformin alleviates  
temporomandibular joint  
osteoarthritis by targeting  
chondrocyte senescence  
through FoxO1-mediated  
autophagy*

**Tamara de Haas, Amsterdam  
UMC:** *Can existing predictive  
equations accurately estimate  
resting energy expenditure in  
individuals with  
neuromuscular diseases?*