

The 2<sup>nd</sup> Winter Symposium of  
the human motion project

# From Gait Labs to the Real World



March 6<sup>th</sup> 2015, Munich  
8<sup>00</sup> - 18<sup>00</sup>

8 MEDICAL  
EDUCATION  
CREDITS



<http://goo.gl/forms/iRSooHZKwJ>

organized by

## Preliminary program

**08:00** Registration | Coffee

**08:30** Welcome by the Organizing Committee

**08:45** Introduction: The Science of Walking  
Andreas Mayer\*, Centre Alexandre Koyré - Histoire  
des Sciences et des Techniques, CNRS/EHESS, Paris

**09:15** **Keynote 1**  
"Acceleromics" - a new era of measuring  
mobility in clinical research  
Martin Daumer\*, SLC - Human Motion Institute | Trium |  
TUM, Munich

**09:45** **Symposium 1**  
Clinical gold standards &  
mobile accelerometry to measure outcome

- **Assessment of posture and gait at the Munich-Aibling-Balance Unit**  
Klaus Jahn\*, Schön Klinik Bad Aibling and German  
Center for Vertigo and Balance Disorders, Munich
- **Mobile accelerometry and falls in patients with vertigo & dizziness**  
Roman Schniepp\*, Department of Neurology and  
German Center for Vertigo and Balance Disorders,  
Munich
- **Ecologic validity of methods to assess walking ability in MS**  
Patrick Stellman\* et al., UKE, Hamburg
- **Mobile accelerometry in an elderly population-  
experience in the German cohort study BASEII**  
Ilja Demuth, Charité, Berlin
- **Accelerometry in Parkinson's disease**  
Markus Hobert\*, HIH, Tübingen

**11:00** Coffee break & Posters

## Preliminary program

**11:30** **Keynote 2**  
Performance at old age  
Jörn Rittweger\*, Space Physiology, DLR, Cologne

**12:00** **Symposium 2**  
Motivation & monitoring adherence  
to exercise programs

- **Exercise intervention & assessment of impact in a phase II trial in patients with sarcopenia**  
Dan Rooks\*, Novartis, Boston
- **The Copenhagen Women study:  
Preliminary data related to cardiovascular health**  
Michael Nyberg, University of Copenhagen

**12:40** Buffet Lunch & Physical Activity  
Parcours - Balance and gait tests,  
physiotherapy, natural walking and running  
shoes, poster & exhibition

**14:00** **Keynote 3**  
Validation studies for mobility outcomes  
Jörg Goldhahn\*, NIBR, Basel | ETH, Zurich

**14:15** **Symposium 3**  
Fundamental motion outcomes

- **Steps**  
Reto W. Kressig\*, University of Basel, N.N.
- **Walking speed**  
Eling de Bruin - dual task, ETH, Zurich, N.N.
- **Falls**  
Jochen Klenk\*, University Ulm
- **SPPB**  
Ellen Freiburger\*, Institute of Sport Science and  
Sport, Erlangen, N.N.

■ **Discussion**

**15:30** Coffee break & Posters

**16:00** **Keynote 4**

Regulator's view on the scientific and regulatory challenges in new mobility outcomes & PROs  
Gabriele Schlosser-Weber\*, BfArM/EMA, Bonn

**16:30** **Symposium 4**

Panel Discussion: big data, validation & transparency

■ **Information extraction and transparency in big data processing**  
Ieuan Clay\*, NIBR, Basel

■ **How to get better data in medicine**  
Tom MacDonald\*, University of Dundee

■ **Provocative statements: Publishing the wish to share data vs sharing data**

■ **Governance: How to build structures to guarantee the development of meaningful & valid outcomes**

■ **Funding & Independence**

**18:00** Summary & Farewell

**18:15** „Goodbye Drinks“

\* Speakers confirmed participation

The organizers reserve the right for rearrangements

**Interested to present a poster, give a talk or exhibit?**

**Please contact:**

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Director

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■ **Venue**

Klinikum der Universität München (LMU)  
Campus Großhadern  
Auditorium no. 2  
Lecture-room section, 2nd floor  
Marchioninstr. 15  
81377 Munich - Germany  
Approach: [klinikum.uni-muenchen.de](http://klinikum.uni-muenchen.de)

**U6** **Klinikum Großhadern**

■ **Time**

Friday, March 6, 2015  
8:00 – 18:00

■ **Registration**

Industry	360€
Public research institution	240€
PhD Students	80€
Students	40€
Students presenting poster	free
Interested patients	free
Press	free

All fees are subject to an additional 19% VAT

All fees include drinks & lunch

■ **Some hotels (near Campus Großhadern)**

[www.hotel-thalmair.de](http://www.hotel-thalmair.de)

[www.hotel-neumayr.de](http://www.hotel-neumayr.de)

[www.empress-hotel.de](http://www.empress-hotel.de)

Space is limited, please register early

**Closing date for Registration**  
February 20, 2015

Floor plan



Academic Partners



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To be announced...

Press

Foot & Ankle

**Organizing Committee**

Martin Daumer PhD, SLC, Human Motion Institute, Trium, TUM  
Jörg Goldhahn MD, NIBR, ETH Zürich  
Klaus Jahn MD, LMU, German Center for Vertigo and Balance Disorders