

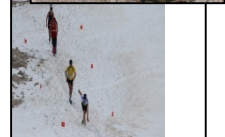
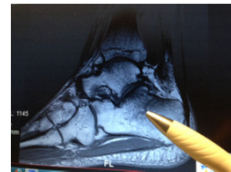
1st Winter Symposium of "The Human Motion Project"

February 5th 2014

Hilton Munich City Hotel, Rosenheimer Straße 15, 81667 Munich



The vision of the Human Motion Project is to become a successful analogue of the Human Genome Project: improving human health by an open collaborative technology platform for the mobile medical monitoring of human motion. The basis is a growing "critical path toolbox" and a biomedical data warehouse for collecting, archiving, analysing, and disseminating human motion data including a library of validated algorithms.



08:30 – 09:00

Registration / Coffee

09:00 – 09:15

"The Human Motion Project" & Agile Learning
Dr. Martin Daumer

09:15 – 09:45

Biomechanics of Sport Shoes & running injuries
Prof. Markus Walther, Director Schönklinik/Harlaching

09:45 – 10:05

Biomechanics of lower limbs from the view of Spiraldynamic
Dr. Jens Wippert, elementhera

10:05 – 10:35

Meta Products - towards a "gait/running style app"
Alberto Bichi (FESI), Dr. Martin Daumer, & Student team

10:35 – 11:15

Coffee Break & Exhibition
Natural running, Meta products (EASY IMP - EU FP7) etc.

11:15 – 11:45

Falls as outcome in clinical trials
Dr. Jörg Goldhahn, Novartis; Nicolas König, ETH Zürich

11:45 – 12:10

Validation of methods to detect falls - Biomechanics of fractures and falling
Prof. William R. Taylor, Institute for Biomechanics, ETH Zürich

12:10 – 12:30

Gait & Posture Analysis in the "Deutsches Zentrum für Schwindel- und Gleichgewichtsstörung"
Dr. Roman Schniepp, LMU Schwindel- und Gleichgewichtsstörung

12:30 – 13:30

Lunch & Exhibition gait/balance/falls

13:30 – 14:00

Mobile accelerometry for measuring gait, balance and falls
Dr. Martin Daumer & Student team (mediolateral sway, gait speed and variability measures, Fall detection)

14:00 – 14:30

Myokines and clinical trials
Prof. Dr. Ylva Hellsten, Department of Nutrition, Exercise and Sports, University of Copenhagen

14:30 – 15:00

Coffee Break & Exhibition

15:00 – 15:20

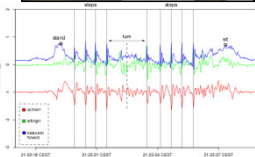
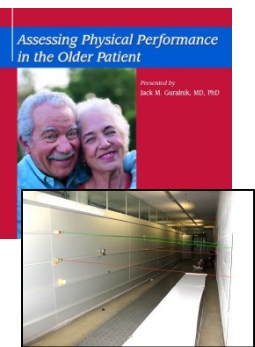
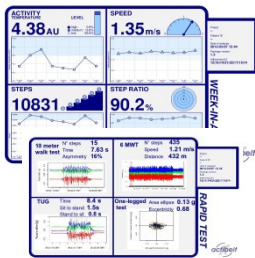
Stress, Pain and Sport
Prof. Dr. Pia-Maria Wippert, Universität Potsdam

15:20 – 15:40

your724.com: the key to move your health?
Dr. Martin Daumer & student team

15:40 – 16:00

Controversy: Acceleromics & Genomics
what are the lessons from FDA's ban of www.23andME.com?



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