

MYOSENS WORKSHOP:

Translational Aspects in Closed Loop Clinical Prosthetics

Wednesday, 10th of June 2015

Venue: Auditorium "Grosser Hörsaal MED 25", Von-Siebold-Str. 3, Göttingen, Germany



08:00 – 08:30	Registration
08:30 – 08:40	Welcome – Dr. Bernhard Graimann (Department of Translational Research and Knowledge Management, Otto Bock HealthCare GmbH)
08:40 – 09:10	the MYOSENS Project – Prof. Dario Farina (Department of Neurorehabilitation Engineering, University Medical Center of Göttingen)
5 min	Brief discussion
09:15 – 09:45	Sensory motor integration in human amputees – Prof. Charles Capaday (Department of Neurorehabilitation Engineering, University Medical Center of Göttingen)
5 min	Brief discussion
09:50 – 10:20	Vibrotactile sensory feedback for myoelectric prostheses – Prof. Peter H. Veltink (Biomedical Signals and Systems Department, Institute for Biomedical Technology and Technical Medicine, University of Twente)
5 min	Brief discussion
15 min	Open discussion shared among the three speakers
10:40 – 11:00	Coffee break
11:00 – 11:30	Injury- and use-dependent brain plasticity and phantom pain – Prof. Herta Flor (Department of Cognitive and Clinical Neuroscience, Central Institute of Mental Health, Medical Faculty Mannheim)
5 min	Brief Discussion

11:35 – 12:05	Sensory feedback prostheses are able to reduce phantom limb pain – Prof. Thomas Weiss (Department of Biological and Clinical Psychology, Institute of Psychology, Friedrich Schiller University, Jena)
5 min	Brief discussion
12:10 – 12:40	Patient Centered Telerehabilitation: Effectiveness of software-supported and traditional mirror therapy in patients with phantom limb pain following lower limb amputation – M.Sc. Andreas Rothgangel (Kaasa health GmbH, Düsseldorf)
5 min	Brief discussion
15 min	Open discussion shared among the three speakers
13:00 – 14:00	<i>Lunch break</i>
14:00 – 14:30	Relevant aspects of R&D for successful prosthetic business – Dr. Martin Schöppl (Head of Business Unit Prosthetics Upper Limb, Otto Bock Austria GmbH)
15 min	Discussion
14:45 – 15:15	Empowering commercialisation of academic innovations – Dr. Carlos Güntner (Patent Manager, Life Sciences and Chemistry, MBM ScienceBridge GmbH)
15 min	Discussion
15:30 – 15:50	<i>Coffee break</i>
15:50 – 17:10	Group working activities: Improving knowledge transfer between research institutions and industry The group working activities aim to stimulate participants in entrepreneurial thinking and become more supportive/active in knowledge and technology transfer. The activities will be suited to informal interactions and discussion to promote new ideas, approaches and collaborations.
17:10 – 17:30	Closing remarks – Dr. Bernhard Graitmann (Department of Translational Research and Knowledge Management, Otto Bock HealthCare GmbH)