

recoveriX and mindBEAGLE workshop

motor recovery neurotechnology, consciousness assessment and communication

May 30th, 2016, 8:00 am, Evergreen Room, Asilomar Conference Center

Workshop Schedule

- 8:00-8:15 **Welcome**
- 8:15-9:00 **Current and future applications of a Brain-Computer Interface**
Dr. Christoph Guger, g.tec medical engineering GmbH, Austria
- 9:00-10:00 **recoveriX and mindBEAGLE background and protocols**
Dr. Brendan Allison, g.tec neurotechnology USA, Inc. Albany, USA
- 10:00-10:20 **Stroke rehabilitation at Asahikawa University**
Dr. Kyouzuke Kamada, Asahikawa, Japan
- 10:20-10:40 **Coffee**
- 10:40-11:00 **Stroke rehabilitation and DOC assessment at East China University of Science and Technology**, Dr. Jing Jin, Shanghai, China
- 11:00-11:20 **Outcome prediction of comatose patients**
Dr. Marzia De Lucia, Lausanne University Hospital, Switzerland
- 11:20-11:40 **Stroke rehabilitation at University of Wisconsin**
Dr. Vivek Prabhakaran, Madison, USA
- 11:40-12:00 **Motor imagery and mechanisms of stroke rehabilitation**
Dr. Milena Korostenskaja, Florida Hospital for Children, Orlando, USA
- 12:00-13:00 **Lunch**
- 13:00-13:20 **Assessment of DOC patients in Liege**
Jitka Annen, University of Liege, Belgium
- 13:20-14:30 **Running assessment and communication paradigms 1: AEP, Vibrotactile stimulation**, Dr. Christoph Guger, Jitka Annen
- 14:30-15:15 **Running assessment and communication paradigms 2: motor imagery**
Dr. Brendan Allison, Jitka Annen
- 15:15-15:45 **Coffee**
- 15:45-16:45 **Running a stroke rehabilitation session: EEG, FES, avatar control**
Dr. Brendan Allison, Dr. Jing Jin
- 16:45-17:45 **Run recoveriX and mindBEAGLE yourself**, all speakers
- 17:45-18:00 **Take home message and discussion**

Organizers: Dr. Christoph Guger, Dr. Brendan Allison

Price: This event is free of charge.

Registration: Please email g.tec neurotechnology USA at office@gtecus.com or Christoph Guger at guger@gtec.at.