



Workshop



g.tec's Brain-Computer Interface Workshop for Control, Assessment and Rehabilitation

Time & Date: Saturday November 3rd , 6:30-8:30 PM

Location: SFN, San Diego Convention Center, SDCC 10

About the workshop

During this workshop, we will demonstrate major concepts in BCI systems, including types of sensors, signal processing, and applications. New trends like embodiment, coma assessment and communication, stroke rehabilitation, and invasive ECoG based systems will also be explained. This year we will show the BCI Hackathon series br41n.io, the new wireless Unicorn, the new fNIRS-EEG device, new results of ECoG real-time face decoding and neurorehabilitation technology.

Speakers

Christoph Guger, Katrin Mayr, g.tec medical engineering GmbH

Dr. Christoph Guger is the CEO of g.tec medical engineering GmbH and is coordinating EU Horizon 2020 research projects such as recoveriX, ComAware, ComAlert and RapidMaps. He is also involved in the Flagship project Graphene.

Katrin Mayr is a specialist for neuro-rehabilitation with recoveriX technology. She will demonstrate different BCI experiments during the workshop.



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Workshop Schedule



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6:30 – 7:00	Introduction: non-invasive/invasive brain-computer interface systems, including current and future applications
7:00 – 7:30	Live demo of the new wireless Unicorn platform
7:30 – 7:45	The br41n.io BCI Hackathon series
7:45 – 8:00	Cognitive assessment, motor rehabilitation and communication with brain-computer interface technology
8:00 – 8:30	fNIRS-EEG, high-gamma mapping technology for decoding faces and symbols

For more information, please contact Katrin Mayr: mayr@gtec.at



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Registration Form



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Venue	
Date	
Name and Degree	
Institution/Affiliation	
Department	
Business Address	
City	ZIP Code
State	
Phone	
E-Mail (important for receiving the confirmation)	

Please fill in and send it back via fax 0043-7251-22240-39 or email to [Katrin Mayr: mayr@gtec.at](mailto:mayr@gtec.at)