



Workshop



recoveriX

Motor Recovery Neurotechnology

Time & Date: Friday May 10th, 2019, 11:00-15:00 PM

Location: Institute of Measurement Science, 4th floor
Slovak Academy of Sciences, Dubraska cesta 9, Bratislava

About the Workshop

Brain-computer interface systems can be used for many different applications. This workshop will show two high impact applications for (i) motor recovery of stroke patients and (ii) consciousness assessment and communication. Expert users will discuss the technology and validation studies in different international institutions. Attendees can try out the technology during the workshop and learn to better use this neurotechnology in their future work.

Speakers

Francisco Fernandes, g.tec medical engineering GmbH; Dr. Roman Rosipal, Slovak Academy of Sciences.

Francisco Fernandes is the International Sales Officer of g.tec medical engineering GmbH responsible for the Slovakian market.

Roman Rosipal is a senior researcher at the Department of Theoretical Methods, Institute of Measurement Science, Slovak Academy of Sciences in Bratislava. He is an applied statistician with experience in mathematical modeling, cognitive and computational neuroscience. He has worked on a variety of problems including brain-computer interface; human fatigue, workload and alertness monitoring; pharmacology-oriented EEG and ERP research; and modeling of the human sleep process.



Workshop Schedule



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Program Overview

11:00 – 11:10	Introductory Remarks about the event – Dr. Roman Rosipal
11:10 – 12:00	Introduction: non-invasive brain-computer interface systems and foundations of Stroke Rehabilitation BCIs; Strategies to run motor recovery training with BCI systems – Francisco Fernandes
12:00 – 13:00	BCI robot-assisted neurorehabilitation: focus on individuality and longitudinal training – Dr. Roman Rosipal
13:00 – 13:45	Lunch Break
13:45 – 15:00	Hands-on session, live BCI-experiments using recoveriX

For more information, please contact Francisco Fernandes: fernandes@gtec.at

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Registration Form



recoveriX

Motor Recovery Neurotechnology

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 email: fernandes@gtec.at

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