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icchp 2018

**Wednesday, July 11
Opening & Keynote**

P r o g r a m m e
Plenary Session

JMU
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Opening Keynote

Non-Invasive Brain-Computer Interaction: Communication & Control

Gernot Müller-Putz
Graz University of Technology, Austria

The talk gives a short intro to Brain-Computer Interfaces, methods and brain signals. Two parts will be the main body: BCIs for communication and BCIs for the control of neuroprosthetics in people with spinal cord injury. The talk will be concluded with some thoughts on future developments.

Prof. Dr. Gernot Müller-Putz is head of the Institute of Neural Engineering and its associated Laboratory of Brain-Computer Interfaces. He received his MSc in electrical and biomedical engineering in 2000, his PhD in electrical engineering in 2004 and his habilitation and "venia docendi" in medical informatics from Graz University of Technology in 2008. Since 2014 he is full professor for semantic data analysis. He has gained extensive experience in the field of biosignal analysis, brain-computer interface research, EEG-based neuroprosthesis control, communication with BCI in patients with disorders of consciousness, hybrid BCI systems, the human somatosensory system, and BCIs in assistive technology over the past 16 years. He has also managed several national projects (State of Styria) and international projects (Wings for Life, EU Projects) and is currently coordinator of the EU Horizon 2020 project MoreGrasp. Furthermore, he organized and hosted six international Brain-Computer Interface Conferences over the last 13 years in Graz, currently preparing the 8th Conference and CYBATHLON BCI Series 2019 in Sept. 2019. He is Review Editor of Frontiers in Neuroscience, special section Neuroprosthetics, Associate Editor of IEEE Transactions in Biomedical Engineering and Associate Editor of the Brain-Computer Interface Journal.

■ **More information and CV following**
http://www.icchp.org/keynotes-18#Mueller-Putz

Opening Ceremony

Wednesday, July 11, 09:00 - 10:30, Plenary Hall - „Festsaal A"

Welcome Addresses

■ **Johannes Kepler University Linz, Austria**
Vice Rector Dr. Alexander Egyed, MSc.
■ **ICCHP**
General Chair Dr. Georgios Kouroupetroglou, University of Athens, Greece
■ **Austrian Computer Society**
Vice President Klaus Höckner
■ **City of Linz**
Dr. Franz Leidenmühler, Local Councillor
■ **County of Upper Austria**
To be announced
■ **Zero Project - from Research to innovation and impact**
Director Dr. Michael Fembek

Opening Keynote

Gernot Müller -Putz
BCI Expert
Wings for Life Supporter

IEEE Associate Editor
Ludwig Guttmann-Awardee
BoD Intl' BCI Society