



Bioelectronics & Neuroengineering Seminar Series

Non-invasive BCIs for motor restoration in the upper extremity

**Scuola Superiore Sant'Anna | Pisa,
Aula 3 (Polo Sant'Anna Valdera)
May 10, 2023 2:00 PM**

**Prof. Gernot Müller-Putz
(Graz University of Technology,
Austria)**

Biography: 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 25 years.

He has also managed several national projects (State of Styria) and international projects (Wings for Life, EU Projects). Recently, he coordinated an EU Horizon 2020 project, MoreGrasp. Furthermore, he organized and hosted seven international Brain-Computer Interface Conferences over the last 15 years in Graz, the 8th Conference in Sept. 2019. He is Associate Editor of IEEE Transactions in Biomedical Engineering and Associate Editor of the Brain-Computer Interface Journal. He has authored more than 190 peer reviewed publications and more than 200 contributions to conferences which were cited more than 22300 times (h-index 73). In 2015, he was awarded with an ERC Consolidator Grant “Feel your Reach” from the European Research Council. In May 2017 he received the Ludwig-Guttman Award from the German Medical Spinal Cord Injury Association (DMGP). In May 2018 he was elected into the Board of Directors of the International Brain-Computer Interface Society. In May 2019 he received the science prize of the state of Styria. Since August 2019 he is Editor in Chief of Frontiers in Human Neuroscience: Brain-Computer Interface.

Contacts:

andrea.bandini@santannapisa.it
tommaso.proietti@santannapisa.it

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