

IGSN - SYMPOSIUM

Monday, March 21st 2022 • 15.00 (3 pm)

Brain Computer Interfaces and their application in motor rehabilitation

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Brain-computer interfaces for enhanced human-technology interaction

Brain computer interfaces (BCI) are systems that translate human's brain activity to establish a communication and control channel with external devices. BCI systems can benefit user's interaction with technology by directly extracting their commands and mental states through neurophysiological responses and building a user-specific model for adaptive interaction. My research focuses on employment of BCI systems for improved learning in virtual reality environments as well as human-robot interaction.

Host:

MARITA METZLER

Department of Neurotechnology, University Hospital Knappschaftskrankenhaus Bochum GmbH, Ruhr Universität Bochum

Virtual guests are welcome!

