



Thursday, 27 January: Mental Health & New Technologies

- 15:00 - 15:10 Introduction [Dr. Frank Zanow](#)
- 15:10 - 15:30 Neuronavigated Transcranial Ultrasound Stimulation: ready for prime time?
[Dr. Jean-François Aubry](#), [Dr. David Attali](#)
- 15:30 - 15:50 The utility of cognitive ERPs in the management of psychiatric disorders
[Dr. Salvatore Campanella](#)
- 15:50 - 16:20 Product demo
- 16:20 - 16:40 Could acceptability and usability of BCI user training procedures be (the) key to out of the lab BCI use? [Dr. Camille Jeunet](#)
- 16:40 - 17:00 EEG in human spaceflight research: A short review [Prof. Michael Funke](#)
- 17:00 - 17:20 EEG signal quality and noise characteristics in spaceflight [Prof. Patrique Fiedler](#)
- 17:20 - 17:40 Q & A
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Friday, 28 January: Neuroscience & Artificial Intelligence

- 15:00 - 15:10 Introduction [Dr. Martijn Schreuder](#)
- 15:10 - 15:30 Deep learning, psychiatry and EEG: What we know and where to go
[Dr. Sebastian Olbrich](#)
- 15:30 - 15:50 EEG connectomics of Parkinson's disease [Dr. Mahmoud Hassan](#)
- 15:50 - 16:20 Product demo
- 16:20 - 16:40 Psilocybin induced changes in approximate entropy and microstates predict long term positive effects on mood in healthy volunteers [Dr. Tomáš Páleníček](#)
- 16:40 - 17:00 QEEG, NIRS and neuropsychological analyses during a tai chi training program in patients with Parkinson's disease [Prof. Ute Gschwandtner](#)
- 17:00 - 17:20 Assessing postural control and motion sickness using electrophysiological signals [Prof. Paolo Gargiulo](#), [Dr. Mahmoud Hassan](#)
- 17:20 - 17:40 Q & A
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Register for virtual ANT Neurometing: <https://bit.ly/3qeiRz>

