



FORSCHUNGSSYSTEME GMBH

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# FNIRS WORKSHOP

HEIDELBERG 02.05. - 03.05.23

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Where: Core Facility for Neuroscience of Self-Regulation (CNSR)  
Hauptstr. 51, Building 3011, D-69117 Heidelberg

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## 02<sup>nd</sup> of May

- 09:30 - 09:45 h    Opening of Workshop – Introduction to the Team
- 09:45 - 10:00 h    Introduction to the facility – Dr. Torsten Wüstenberg
- 10:00 - 11:00 h    Introduction and potential of fNIRS
- 11:00 - 11:15 h    Coffee break*
- 11:15 - 12:30 h    Guidelines on experimental design and montage creation
- 12:30 - 14:00 h    Lunch (Zeughaus Mensa)*
- 14:00 - 17:30 h    Hands-on:
- Cap preparation and experimental setup for NSP2
  - Data acquisition and signal quality assessment
- 18:30 h             Dinner (Brauhaus Vetter)*

## 03rd of May

- 09:00 - 09:45 h    David Mehler, MD, PhD  
*Applied Computational Neuroscience (ACN) lab at the Uniklinik RWTH Aachen*
- 09:45 - 10:30 h    Lucas R. Trambaiolli, PhD  
*Research Fellow in Psychiatry, McLean Hospital, Harvard Medical School*
- 10:30 - 11:00 h    *Coffee break*
- 11:00 - 12:30 h    Preprocessing and data analysis (Talk)
- 12:30 - 14:00 h    *Lunch (Zeughaus Mensa)*
- 14:00 - 15:30 h    Data analysis with Satori (Hands-on)
- 15:30 - 16:00 h    Best practices paper in fNIRS
- 16:00 h            *Closing of Workshop*