

Kickoff meeting **Advances in Neuromodulation**

13. and 14. March 2023 at University of Oldenburg

Location: A07 Lecture Hall G

13. March 2023

9:00 - 9:30 Introduction (Christiane Thiel, Oldenburg)

Session 1 Neuromodulation Stroke

9:30 - 10:00 Charlotte Stagg, Oxford: *Understanding Neurophysiology to Develop Adjunct Therapies for Stroke Recovery*

10:00 - 10:30 Christian Grefkes, Frankfurt: *Brain Reorganization after Stroke*

10:30 - 11:00 coffee break

11:00 - 11:30 Cornelia Kranczioch, Oldenburg: *Motor Imagery Based Neurofeedback and the Relevance of Context*

11:30 - 12:00 primer to posters: P1, P2, P3, P5, P6, P7

12:00 - 14:00 lunch & lab tours

Session 2 Neuromodulation PD

14:00 - 14:30 Hartwig Siebner, Copenhagen: *Adaptive and Precise Targeting of Cortex-Basal Ganglia Circuits in Parkinson's Disease*

14:30 - 15:00 Karsten Witt, Oldenburg: *Deep Brain Stimulation in Oldenburg: Clinical Applications and Research Questions*

15:00 - 15:30 Mandy Roheger, Oldenburg: *Physical Interventions to Improve Motor Functions and Well-Being in Parkinson's Disease*

15:30 - 16:00 coffee break

16:00 - 16:20 primer to posters: P9, P10, P11, P14

16:20 - 18:00 Postersession & lab tours

14. March 2023

Session 3 Patient-centered approaches and mobile technologies

9:00 - 9:30 Annette Sterr, Berlin: *Going beyond the Picking of Low Hanging Fruit: Neurorehabilitation of those with Multiple Deficits and Complex Needs*

9:30 - 10:00 Anna Levke Brütt, Oldenburg: *Public and Patient Involvement in Health Research*

10:00 - 10:20 primer to posters P4, P8, P12, P13

10:20 - 11:20 Postersession & coffee break

11:20 - 11:50 Fabien Lotte, Bordeaux: *Machine and User Learning Aspects in Sensorimotor Brain-Computer Interface Design*

11:50 - 12:20 Andreas Hein, Oldenburg: *Monitoring and Assistance Systems to Support Activities of Daily Living*

12:20 - open lunch