



09:00 Registration & Morning Coffee

09:30 Conference Opening Address

09:45 Ultrasonic Neuromodulation Shows the Human Amygdala Learns Threats Fast, and Forgets Slow. - *Sjoerd Meijer*

10:10 Enhancing Cholinergic Signalling Non-Invasively in the Human Brain: Evidence from Pharmaco-TMS, Pharmaco-MRI And TUS Studies. - *Dr Polytimi Frangou*

10:35 Poster Pitches - *Cohort 1*

11:25 Break

11:35 Poster Pitches - *Cohort 2*

12:25 Poster Session

12:55 Lunch Break

13:55 Exploring Effects of Multiple tES Paradigms on Motor Cortex Excitability: A Double-blind Sham Controlled Study. - *Dr Alekhya Mandal*

14:20 Controllable-pulse TMS (cTMS) Reveals Intrinsic Plasticity in Human Motor Learning. - *Dr Benjamin Clennel*

14:45 Poster Pitches - *Cohort 3*

15:35 Poster Session & Ultrasound in 3D Demonstration

16:05 Transcranial Focused Ultrasound Neuromodulation in Cerebellar Circuits: Dissecting Central and Peripheral Contributions. - *Haorun Huang*

16:30 A Cross-Species Trigeminal Nerve Stimulation Approach to Non-Invasive Modulation of Hippocampal Memory Circuits. - *Dr Liyi Chen*

16:55 Keynote Address - *Professor Matthew Rushworth*

17:45 Day 1 Closing Remarks

17:55 Poster Session & Networking Session

19:15 Day 1 End

08:45 Registration & Morning Coffee

09:15 Welcome

09:20 Selective Changes in Interhemispheric Connectivity in Preclinical Huntington's Disease Gene Expansion Carriers Using Single and Dual-Site Paired-Pulse TMS. - Eva Woods

09:45 Transcranial Ultrasonic Stimulation (TUS) Would Strongly Benefit From In Vivo Verification Of Target Exposure. - Dr Benjamin Kop

10:10 "Buckets of risk" – Understanding Perceptions and Barriers to Translation of Non-invasive Brain Stimulation for Neurological Conditions. - Associate Professor Melanie Fleming

10:35 Break

10:55 Young Investigator Award

11:20 John Rothwell Award

11:45 The Effects of Mid-Insula Transcranial Ultrasound Stimulation (TUS) on Bodily Attention. - Gabriel Mackie

12:10 Lunch

13:10 Sleep-Wake Regulation of Corticospinal Excitability. - Dr Mark Turnbull

13:35 Active Ingredients of Antidepressant Combined Stimulation. - Jemima Shickle

14:00 Focused Transcranial Ultrasound Stimulation of the Human Hippocampus Disrupts Structure Learning and Inference. - Deng Pan

14:25 Break & Ultrasound in 3D Demonstration

14:55 Frequency-Specific Enhancement of Sleep Spindles with Non-Invasive Thalamic Stimulation. - Tobias Raufeisen

15:20 Research Challenge Update

15:35 Research Challenge Presentation

16:05 Poster Prize Presentation

16:25 Closing Remarks & Wrap-up