



## Brainbox Initiative Conference 2025

### Preliminary Programme

#### Day One

09:00	Registration Opens
09:15	Conference Opening Address
09:30	TBA
10:05	<i>Sports-Related Head Impacts And Cortical And Sub-Cortical Brain Function: Differences Between Contact And Non-Contact Sport Athletes. Jessica Andrew</i>
10:30	Poster Pitches - Cohort 1
11:30	Poster Session
12:00	Lunch
13:00	TBA
13:25	<i>Boosting The Effects Of Transcranial Magnetic Stimulation (TMS) Using Synchronised Transcranial Alternating Current Stimulation (tACS). Dr Paul Briley</i>
13:50	TBA Dr Caroline Witton
14:15	Poster Pitches - Cohort 2
15:15	Coffee Break
15:45	<i>Contrasting The Functional Roles Of Two Distinct Prefrontal Regions In Rule And Task-Relevant Stimulus Processing. Dr Jade Jackson</i>
16:10	TBA Dr Suraya Dunsford
16:35	<i>Unraveling The Effects Of tDCS On Brain Plasticity And Cognitive Function. Anna Fromm</i>
17:00	TBA Professor Martin Koltzenburg
17:25	Day One Closing Remarks
17:30	Extended Poster Session
18:30	Social Event
19:30	Conference Day One End



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#### Day Two

09:00	Registration Opens
09:30	Welcome
09:35	<i>Temporal Interference Stimulation Of The Hippocampus During Sleep Modulates Memory Consolidation In Humans.</i> Prince Okyere
10:00	TBA
10:25	<i>Fantastic Voyage - A Fantastic And Spectacular Voyage Through The Human Body... Into The Brain.</i> Michael Sanders
10:50	Break
11:05	Young Investigator Award 2025
11:35	John Rothwell Award 2025
12:05	Lunch
13:00	<i>Evidence Of Motor Learning Modulation By Stimulation Of The Occipital Nerve In Humans.</i> Dr Gabriel Byczynski
13:25	<i>Electrophysiological Effects Of TUS On The Somatosensory Cortex In A Rat Model.</i> Charlotte Smets
13:50	<i>Precision Control Of TMS Pulse Waveforms: From Neural Mechanisms To Therapeutic Potential.</i> Dr Ricci Hannah
14:15	<i>Precision Control Of TMS Pulse Waveforms: From Neural Mechanisms To Therapeutic Potential.</i> Dr Sara Tremblay
14:40	Break
15:10	<i>Tailoring tES: Individualizing tDCS Dose Through Prospective EF Modeling Reduces Variability In Neuromodulation Effects.</i> Dr Alberto Pisoni
15:35	<i>Multimodal Investigation Into GABA Change Following Intermittent Theta Burst Stimulation.</i> Dr Katherine Dyke
16:00	TBA Dr Benjamin Kop
16:25	Poster Prize Presentation
16:45	Research Challenge Presentation
17:15	Closing Remarks & Wrap Up
17:30	Conference Day Two End