



brainbox

initiative

An Introduction to Transcranial Focused Ultrasound Workshop

Sample Programme



- 13:00** Introduction to Workshop & Speakers
- 13:30** Lecture: **Overview of Current Position of TUS Research**
- 14:30** Break
- 14:40** Demonstration: **Combined TMS-TUS Techniques**
- 15:50** Break
- 16:00** Lecture: **An Introduction to TUS Physics**
- 17:00** End Workshop Day One

Day One

DAY
2

- 13:00** Lecture: **Safety Considerations for TUS**
- 14:00** Lecture & Demonstration: **TUS Simulations & Introduction to k-Plan Software**
- 15:00** Break
- 15:10** Lecture: **Skull Imaging**
- 15:40** Lecture: **Experimental Design for TUS Research**
- 16:20** Break
- 16:30** Demonstration: **Neuronavigation, Coupling, and Holders for TUS**
- 17:00** End Workshop Day Two

Day Two



- 13:00** Lecture: **Neurophysiological Mechanisms & Effects**
- 14:00** Demonstration: **TUS in Cognitive Neuroscience: Biasing Saccade Choices**
- 14:40** Break
- 14:50** Lecture: **Best Practices for TUS Research**
- 15:40** ITRUSST Introductions
- 16:00** Group Q&A and Methods Lab Discussions
- 17:00** End Workshop Day Three

Day Three