



Saturday, July 13<sup>th</sup>, 2024  
 Location: Conference Room –McLaughlin Pavilion, 9th floor, Room 408  
 Toronto Western Hospital – 399 Bathurst Street, Toronto, Ontario, M5T 2S8



14:00 Fundamentals of transcranial ultrasound stimulation (TUS)  
**Dr. Kim Butts Pauly, Stanford University**

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14:20 TUS - physiological effects, advantages and limitations, and study design  
**Dr. Robert Chen, University of Toronto**

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14:40 Planning for Ultrasound Neuromodulation: Modelling and Neuronavigation  
**Dr. Samuel Pichardo, University of Calgary**

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15:00 Break (sponsored by Brainbox) and visit to Exhibitors (Brainbox, Rogue Research, Fraunhofer)

15:30	<b>GROUP A:</b> Water tank hydrophone measurement demonstration	<b>GROUP B:</b> Hands-on demonstration of TUS simulation (Babelbrain, K-wave, K-plan)	<b>GROUP C:</b> Hands-on demonstration of TUS Coupling & Targeting with Neuronavigation Systems
16:10	<b>GROUP B:</b> Hands-on demonstration of TUS simulation (Babelbrain, K-wave, K-plan)	<b>GROUP C:</b> Hands-on demonstration of TUS Coupling & Targeting with Neuronavigation Systems	<b>GROUP A:</b> Water tank hydrophone measurement demonstration
16:50	<b>GROUP C:</b> Hands-on demonstration of TUS Coupling & Targeting with Neuronavigation Systems	<b>GROUP A:</b> Water tank hydrophone measurement demonstration	<b>GROUP B:</b> Hands-on demonstration of TUS simulation (Babelbrain, K-wave, K-plan)

17:30 Final discussion with Q and A

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18:00 End of Workshop

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