



Preliminary Scientific Program

Sunday, 24 February, 2019

08:00 - 17:00 Early Registration and Industry-Sponsored Workshops

Monday, 25 February, 2019

Overview of the Commonalities of the Methods: Focus on Basic Mechanisms

07:30 - 08:30 Registration

08:30 - 09:00 Opening Remarks, *Harold Sackeim, PhD*

09:00 - 10:30 Plenary Lectures:

Noninvasive neuromodulation with nanoparticle-mediated ultrasonic drug uncaging

Raag Airan MD PhD, Assistance Professor, Stanford University, USA

Title TBC

Janet Taylor, Professor of Human Neurophysiology, Edith Cowan University (ECU), Australia

10:30 - 11:00 Mid-Morning Break

11:00 - 11:45 Understanding and Improving Non-invasive Brain Stimulation Modalities

Ed Boyden, Ph. D., Massachusetts Institute of Technology, Cambridge, USA

11:45 - 12:45 Plenary Award Lecture

12:45 - 13:45 Lunch, poster viewing Session

13:45 - 15:45 Parallel Sessions 1a-f

15:45 - 16:15 Midafternoon break



- 16:15 - 18:15 Parallel Sessions 2a-f
- 18:15 - 20:00 Welcome Reception and Poster Session 1

Tuesday, 26 February, 2019

Using Brain Stimulation Methods to Unlock How the Brain Works

- 08:30 - 10:00 Plenary Lectures
tDCS boosts Hebbian Plasticity
Lucas Parra, PhD, City University of New York, United States
- 10:00 - 10:30 Mid-Morning Break
- 10:30 - 11:15 Transcranial Brain Stimulation to Understand Neuronal Oscillations
Til Ole Bergmann, PhD, University Hospital Tübingen, Germany
- 11:15 - 12:00 Title TBC
PD Dr. Dirk Jancke, Ruhr-University Bochum, Germany
- 12:00 - 13:30 Lunch and Poster Session 2
- 13:30 - 15:30 Workshops (Hands on Demonstrations and Round Table Discussions with Experts)
- Research Uses of tDCS, *Marom Bikson, PhD*
- Advanced TMS Methods – PAS, Theta Burst TMS, *John Rothwell, PhD & Ulf Ziemann, MD*
- Clinical Use of TMS and ECT, *Paul Fitzgerald, MBBS, PhD, Mark George, MD & Harold Sackeim, PhD*
- Deep Brain Stimulation: Hot Topics and Demonstration, *Zelma Kiss, MD, PhD*
- 15:30 - 16:00 Midafternoon break



16:00 - 18:00 Parallel sessions 3 a-f

19:30 - 22:00 Conference Dinner

Wednesday, 27 February, 2019

State of the Art Clinical Applications of Brain Stimulation Methods

08:30 - 10:00 Plenary Lectures

Title TBC

Zelma Kiss, MD, PhD, Deputy Editor, Neurosurgery, Brain Stimulation, University of Calgary, Calgary, Canada

NIBS in Disorders of Consciousness

Aurore Thibaut, Coma Science Group, Cyclotron Research Centre, University of Liège, Belgium

10:00 - 10:30 Mid-Morning Break

10:30 - 11:15 Plenary Lecture

Title tbc

Sarah Hollingsworth Lisanby, MD, NIH, United States

11:15 - 12:00 Title tbc

Jonathan Downar, MD PhD FRCPC, Toronto Western General Hospital, Canada

12:00 - 13:30 Lunch and Poster Session 3

13:30 - 15:30 Parallel Sessions 4 a-f

15:30 - 16:00 Midafternoon Break



3RD INTERNATIONAL
BRAIN STIMULATION
CONFERENCE

Vancouver
CANADA
24 – 27 February
2019

16:00 - 18:00 Parallel Sessions 5 a-f

18:00 - 18:15 Closing Remarks, Poster Award and Conference Summary