# 3rd International Brain Stimulation Conference  
**Vancouver, Canada, February 24-27, 2019**

## 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**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>07:30</td>
<td>Registration</td>
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<tr>
<td>08:30</td>
<td>Opening Remarks, <em>Harold Sackeim, PhD</em></td>
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<tr>
<td>09:00</td>
<td>Plenary Lectures:</td>
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<tr>
<td></td>
<td>Title TBC</td>
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<td><em>Janet Taylor, Professor of Human Neurophysiology, Edith Cowan University (ECU), Australia</em></td>
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<tr>
<td>10:45</td>
<td>Understanding and Improving Non-invasive Brain Stimulation Modalities</td>
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<td><em>Ed Boyden, Ph. D., Massachusetts Institute of Technology, Cambridge, USA</em></td>
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<tr>
<td>11:30</td>
<td>Plenary Award Lecture</td>
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<tr>
<td>12:30</td>
<td>Lunch, poster viewing Session</td>
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<td>13:30</td>
<td>Parallel Sessions 1a-f</td>
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<tr>
<td>15:30</td>
<td>Midafternoon break</td>
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Using Brain Stimulation Methods to Unlock How the Brain Works

Tuesday, 26 February, 2019

08:30 - 10:00  Plenary Lectures
   tDCS boosts Hebbian Plasticity
      Lucas Parra, PhD, City University of New York, United States

10:00 - 10:15  Mid-Morning Break

10:15 - 11:00  Transcranial Brain Stimulation to Understand Neuronal Oscillations
      Til Ole Bergmann, PhD, University Hospital Tübingen, Germany

11:00 - 11:45  Hot Topic #2

11:45 - 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 Liége, Belgium

10:00 - 10:15  Mid-Morning Break

10:15 - 11:00  Plenary Lecture

11:00 - 11:45  Hot Topic #3

11:45 - 13:30  Lunch and Poster Session 3

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

15:30 - 15:45  Midafternoon Break

15:45 - 17:45  Parallel Sessions 5 a-f

17:45 - 18:00  Closing Remarks, Poster Award and Conference Summary