

**EASTERN ASSOCIATION OF
ELECTROENCEPHALOGRAPHERS**

77th Annual Meeting

February 17-18, 2024

EAEEG 77th ANNUAL MEETING

Saturday, February 17, 2024

- 8:30am – 9:00am Registration (cash payment will be accepted)
- 9:00am – 10:30am **Mini Symposium #1 – Brain Stimulation** (Chair: Igor Timofeev)
- Phillipe Albouy (Université Laval): Information (EEG)-based neurostimulation
- Shirley Fecteau (Université Laval): Imaging neuromodulation
- Pascale Tremblay (Université Laval): Using excitatory TMS to enhance speech processing in aging
- 10:30am – 11:00am Coffee Break
- 11:00am – 11:30am **Mini Symposium #1 – Brain Stimulation (continued)**
- Krzysztof Bujarski (Dartmouth University): Brain stimulation and emotion
- 11:30am – 1:00pm Lunch
- 1:00pm – 2:00pm **Kershman Lecture** (Chair: Igor Timofeev)
- Elsa Rossignol (Université de Montreal): Developmental disorders of cortical inhibition and epileptic encephalopathies
- 2:00pm – 3:30pm **Mini Symposium #2 – New Techniques and Perspectives for the Study of Neurodevelopmental Disorders** (Chair: Jeremy Barry)
- Jeremy Barry (University of Vermont): High density silicon probes in models of autism and early life seizures
- Andre Fenton (New York University): Efficacy of hippocampal throughput and memory in the fmr1 model of autism (via Zoom)
- Baptiste Lacoste (University of Ottawa): Functional brain activity and blood flow in models of autism
- 3:30pm – 4:00pm Coffee Break
- 4:00pm – 4:30 pm **Mini Symposium #2 – New Techniques and Perspectives for the Study of Neurodevelopmental Disorders (continued)**
- Antoine Bergel (Montreal Neurological Institute): Combined fast ultrasound and EEG in free movement and sleep (via Zoom)

4:30pm– 5:30pm **Free Communications** (Chair: Michael Goodman)

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Sunday, February 18, 2024

8:30am – 9:00am Registration (cash payment will be accepted)

9:00am – 10:30am **Mini Symposium #3 – Optimal Models for Human Brain Study** (Chair: Erik Kobylarz)

Gabriel Bossé (Université Laval): Role of neurosteroids in opioid abuse and behaviour

Vincent Breton Provencher (Université Laval): Noradrenergic modulation of cortical circuits during learned behavior

Igor Timofeev (Université Laval): Sleep and waking in rodents, carnivores and primates

10:30am – 11:00am Coffee Break

11:00am – 11:30am **Mini Symposium #3 – Optimal Models for Human Brain Study (continued)**

Peter Carlen (University of Toronto): Human Cerebral Organoids

11:30am – 1:00pm Lunch

1:00pm – 2:00pm **Milner Lecture** (Chair: Krzysztof Bujarski)

Robert Zatorre (McGill University) - From perception to pleasure:
The neuroscience of music and why we love it

2:00pm – 3:30pm **Free Communications** (Chair: Peter Carlen)

3:30pm – 3:45pm **Annual General Meeting** (Chair: Igor Timofeev)