



NEUROSCIENCE

March 15th - 16th 2017

LIVE VIRTUAL EVENT PRODUCED BY LABROOTS

| Date | Time | Track | Presentation Title | Speaker |
|--------|------------------|-------------------------|--|---|
| 15-Mar | 06:00 - 07:00 AM | Motivation and Emotion | Prefrontal control of learned fear and avoidance | Gregory J. Quirk, PhD Professor, Department of Psychiatry, University of Puerto Rico |
| 15-Mar | 06:00 - 07:00 AM | Sensory Motor | Primary motor and sensory cortical areas communicate via spatiotemporally coordinated networks at multiple frequencies | Fritzie Arce-McShane, PhD Research Assistant Professor, Dept of Organismal Biology and Anatomy, University of Chicago |
| 15-Mar | 07:30 - 08:30 AM | Disease | Exercise Targeting Neuroplasticity in Parkinson's disease | Giselle Petzinger, MD Associate Professor and Clinical Scholar in Neurology and Movement Disorders, University of Southern California, Keck School of Medicine |
| 15-Mar | 07:30 - 08:30 AM | Sensory Motor | Model-based learning in psychiatry | Valerie Voon, MD, PhD Neuropsychiatrist and Principal Investigator, Department of Psychiatry, Behavioural and Clinical Neuroscience Institute, University of Cambridge |
| 15-Mar | 09:00 - 10:00 AM | Disease | Keynote Presentation - Prefrontal GABA regulation of cognition: implications for psychiatric disorders | Stan Floresco, PhD Professor, Department of Psychology, University of British Columbia |
| 15-Mar | 10:30 - 11:30 AM | Cognition | Neuroanatomical substrates underlying attentional processing | Josh Burk, PhD Associate Professor and Chair, Department of Psychology, College of William & Mary |
| 15-Mar | 10:30 - 11:30 AM | Broad-based Application | Neurocartography in the era of Big Data | Narayanan Kasthuri, PhD Assistant Professor, University of Chicago |
| 15-Mar | 12:00 - 01:00 PM | Disease | Oscillations, deep brain stimulation and the functional network in Gilles de la Tourette syndrome | Rowshanak Hashemiyooun, PhD Chief, Human Brain and Behavior Laboratory, Department of Stereotactic and Functional Neurosurgery University Hospital of Cologne |
| 15-Mar | 01:30 - 02:30 PM | Broad-based Application | New generation open source miniaturized microscopes for network dynamic imaging in freely moving mice | Peyman Golshani, MD, PhD Assistant Professor, Neurology, Brain Research Institute Member, Neuroscience GPB Home Area |

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| 16-Mar | 06:00 - 07:00 AM | Broad-based Application | Decoding the Mind using Brain Machine Interfaces: Turning Thought into Action | Nicholas Hatsopoulos, PhD Professor, Department of Organismal Biology and Anatomy, Chair, Committee on Computational, Neuroscience, University of Chicago |
| 16-Mar | 06:00 - 07:00 AM | Cognition | Working Memory: Neurophysiological Basis, Development, and Plasticity | Christos Constantinidis, PhD Professor, Wake Forest School of Medicine |
| 16-Mar | 07:30 - 08:30 AM | Disease | Keynote Presentation - New Pathways for Recovery of Function Following Paralysis | V. Reggie Edgerton, PhD Distinguished Professor, Neurosurgery Professor, Integrative Biology and Physiology, Neurobiology Vice Chair, Integrative Biology and Physiology, Member, Brain Research Institute, Molecu |
| 16-Mar | 09:00 - 10:00 AM | Cognition | Capturing cocaine memories in the perineuronal net | Barbara Sorg, PhD Professor of Neuroscience, Washington State University, Vancouver |
| 16-Mar | 10:30 - 11:30 AM | | Refinement of epigenetic approaches in neuroscience | Richard Lee, PhD Assistant Professor, Johns Hopkins University School of Medicine |
| Mar 16 - Feb 16 | Mar 16 10:30 - Feb 16 11:30 AM | Cognition | When confidence and consciousness collide: neural and computational approaches to understanding how the brain creates subjective experience | Megan Peters, PhD Assistant Professor, Bioengineering, University of California, Los Angeles |
| 16-Mar | 12:00 - 01:00 PM | | The Orexin/Hypocretin System in Aging and Cognition | Jim Fadel, PhD Associate Professor, University of South Carolina School of Medicine |
| 16-Mar | 01:30 - 02:30 PM | Disease | Humans and fish to study the cellular mechanisms of neuromuscular development | Chiara Manzini, PhD Assistant Professor of Pharmacology and Physiology, and Integrative Systems Biology, GW Institute for Neuroscience |
| 16-Mar | 01:30 - 02:30 PM | Disease | Title Coming Soon - Topic: Alzheimers | Edward (Ted) G. Barrett, PhD Senior Director, Pharmacology, Lovelace Biomedical |