CAN-ACN Satellite symposium by the Canadian Neurophotonics Platform

Sunday May 13th, 2018 Vancouver Canada.
Sheraton Wall Centre.

8:30 REGISTRATION | Lobby
9:00 WELCOME: Yves De Koninck | CERVO Brain Research Center, Université Laval
9:10 SESSION 1: Big Data in Neurophotonics
Chair: Ed Ruthazer | McGill University
   9:10 Andrea Giovannucci | Simons foundation
    CalmaN: Calcium Imaging data Analysis for the 99%
   9:40 Majid Mohajerani | Lethbridge University
    Whole cortex data analysis
   10:10 Jonathan Epp | Univ. of Calgary,
    High-throughput and open source approaches to histology and analysis
   10:40 Anna Xiao Luo | UBC
    Machine Learning as Applied to Neuroscience
11:10 COFFEE BREAK - Lobby
11:30 SESSION 2: Imaging the behaving brain
Chair: Tim Murphy
   11:30 Jaideep Bains | University of Calgary
    Anticipating and acting on threats - insights using fibre photometry
   12:00 Sylvain Williams | McGill University,
    Miniscopes and hippocampus
12:30 Lunch (included with registration – Earl's Test Kitchen, 905 Hornby St)
14:00 SESSION 3: Optical approaches for studying circuits
Chair: Kurt Haas
   14:00 Yves De Koninck | CERVO Brain Research Center, Université Laval
    Uncovering sensory coding strategies from population analysis.
   14:30 COFFEE BREAK - Lobby
   14:50 Robert Campbell | University of Alberta
    Optogenetic tools for neurophotonics
   15:20 Jack Waters | Allen Institute for Brain Science
    3-photon microscopy and adaptive optics
15:50 CLOSING REMARKS: Yves De Koninck
17:00 Opening of the 12th Annual Canadian Neuroscience Meeting