8:30   REGISTRATION | Lobby

9:00   WELCOME: Yves de Koninck

9:15   SESSION 1- Chair: Jaideep Bains
       9:15   Pierre Marquet: Institut universitaire en santé mentale de Québec, Université Laval
                Quantitative phase-digital holographic microscopy to capture ultrafast cell dynamics at the nanoscale
       9:45   Gautam Awatramani: University of Victoria
                10 years of Optogenetics: Vision with real and artificial photoreceptors

10:15  COFFEE BREAK | Lobby

10:45  SESSION 2- Chair: Paul de Koninck
       10:45  Mark Hutchinson: Centre for Nanoscale BioPhotonics, University of Adelaide, Australia
                The Toll of Knowing you are sick: Implications for pain and addiction
       11:15  Steven Prescott; The Hospital for Sick Children, University of Toronto
                Measuring neuronal excitability in hard-to-reach places using optophysiology

11:45  LUNCH |

13:30  SESSION 3- Chair: Jean-Claude Béique
       13:30  Yves de Koninck: Institut universitaire en santé mentale de Québec, Université Laval
                Decoding fluorescence noise to resolve protein oligomerization in intact tissue
       14:00  André Longtin: Brain and Mind Institute Centre for Neural Dynamics, University of Ottawa.
                Modeling pathological action potential propagation
       14:30  Kurt Haas; University of British Columbia
                Comprehensive neuronal activity imaging using AOD-based random-access two-photon microscopy

15:00  COFFEE BREAK | Lobby

15:30  SESSION 4- Chair: Ed Ruthazer
       15:30  Antoine Godin; Université de Bordeaux
                Single nanotube tracking reveals nanoscale organization of the live brain extracellular space
       16:00  Simon Chen: Brain and Mind Institute Centre for Neural Dynamics, University of Ottawa.
                Imaging Neural Ensembles During Learning in Awake Mice

16:30  CLOSING REMARKS: Yves de Koninck

17:00  Opening of the 10th Annual Canadian Neuroscience Meeting