

PROGRAM AT A GLANCE

Day 1 – October 26th

Lightning Talks available October 26th – on YouTube

12:30 – 12:45 PM

Opening Remarks

12:45 – 2:00 PM

Neural and Network Dynamics Underlying Biological Computation
(Session 1)

2:00 – 2:45 PM

Networking Break & Lightning Talks

2:45 – 4:00 PM

Dimensionality Reduction and Population Dynamics in Neural Data
(Session 2)

4:15 – 5:15 PM

Keynote Presentation

Day 2 – October 27th

10:30 – 12:30 PM

Trainees: Workshop led by AMII

PIs: Facilitated collaboration introductions

12:45 – 2:00 PM

Network Neuroscience Across Scales: From Single Cells to Behaviour
(Session 3)

2:00 – 2:45 PM

Networking Break & Lightning Talks

2:45 – 4:00 PM

Information Encoding by Neural Ensembles (Session 4)

4:15 – 5:15 PM

Closing Panel

SESSION INFORMATION

Keynote Speaker

Geoffrey Hinton – University of Toronto

Session Speakers*

Session 1 Chair: Wilten Nicola – University of Calgary

Sue Ann Campbell – University of Waterloo

Frances Skinner – University of Toronto, Krembil Institute

Richard Naud – University of Ottawa

Session 2 Chair: Majid Mohajerani – University of Lethbridge

Adrien Peyrache – McGill University

Yalda Mohsenzadeh – Western University

Karim Jerbi – University of Montreal

Session 3 Chair: Joern Davidsen – University of Calgary

Emma Towlson – University of Calgary

Javeria Ali Hashmi – Dalhousie University

Carolyn Parkinson – University of California Los Angeles

Session 4 Chair: Aaron Gruber – University of Lethbridge

Aaron Gruber – University of Lethbridge

TBD

TBD

Moderator: Artur Luczak – University of Lethbridge