

**Saturday, October 20, 2018**

**8:45** Mot de bienvenue / Welcoming remarks

**9:00** NMR Inspired Studies of the Conformational Landscape of Enzymes – Toward a Deeper Understanding of Allostery & Mechanism.

*Scott Prosser, University of Toronto*

**9:45** Unambiguous in situ & ex situ characterization of starch and its constituents using 2D-INADEQUATE <sup>13</sup>C solid-state NMR.

*Alexandre Poulhasan, Université du Québec à Montréal*

**10:10** Coffee Break

**10:30** Solid-State NMR as a Tool for Elucidating Dynamics in the Sodium-ion Battery Cathode Na<sub>3</sub>V<sub>2</sub>(PO<sub>4</sub>)<sub>2</sub>F<sub>3</sub>

*Chelsey Hurst, McMaster University*

**10:55** Mechanism of Allosteric Inhibition of Plasmodium falciparum cGMP-Dependent Protein Kinase

*Olivia Byun, McMaster University*

**11:20** Detection of Nanoscale Phase Separation in Nanoparticles with Mixed Ligand Shells by Solid-State NMR

*Brenda Guzman, McGill University*

**11:45** Lunch

**13:30** TBD

*Simon Sharpe, University of Toronto*

**14:15** Multiple time-scale backbone dynamics provide insights into the mechanism of ligand binding and release by START domains.

*Pierre Lavigne, Université de Sherbrooke*

**15:00** Coffee Break and Poster Session

**18:30** Buffet – *Restaurant La Suite*

**Sunday October 21, 2018**

**9:00** Testing for a structural trigger for fibrillogenesis in aciniform spider silk  
*Anamika Sulekha, Dalhousie University*

**9:25** Molecular Basis of A $\beta$  Oligomer Cellular Toxicity and Membrane Interactions  
*Rashik Ahmed, McMaster University*

**9:50** NMR spectroscopy characterization shows shared structural features among a group of divergent fungal hydrophobin proteins  
*Calem Kenward, Dalhousie University*

**10:15** Elucidation of Boron Coordination Environments in Silicone Boronic Acid Elastomers  
*Gabrielle Foran, McMaster University*

**10:40** Coffee Break

**11:15** Prizes for Poster and Oral Presentations