

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 ¹³C 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 Na₃V₂(PO₄)₂F₃

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 β 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

