

TRI-CONFERENCE

1st Eastern Canada Mass Spectrometry Conference
 10th International Symposium on Enabling Technologies
 The 35th Trent Conference on Mass Spectrometry
 Bishop's University, 2600 College Street, Sherbrooke, QC, Canada, J1M 1Z7

Sunday, August 4, 2019

16:00 - 17:30	Residence check-in and Event Registration Bishop Williams Hall
17:30	Conference Start, Introductions, Bishop Williams Hall
17:30 - 19:00	Imaging, Ionization and Clinical Applications, Bishop William Hall
17:30 - 18:15	CSMS Award Winner - Young Investigator Award Dajana Vuckovic, Concordia University Improving lipid coverage and data quality for untargeted lipidomics and oxylipin profiling
18:15 - 19:00	Christine Auray-Blais, Université de Sherbrooke A Metabolomic Approach for Biomarker Discovery and Precision Medicine
19:00 - 22:00	POSTER SESSION & RECEPTION, CLEGHORN ROOM

Monday, August 5, 2019

8:00 - 9:00	Breakfast, Dewhurst Dinning Hall, Building D2 (Cafeteria is open for Breakfast from 7:00 to 8:30)
9:00 - 10:35	Pharma, Clinical Session, Bishop William Hall
9:00 - 9:20	Wondewossen Gebeyehu, Carleton University Method development and implementation of rapid, on-site drug checking in a supervised injection site using portable mass spectrometry
9:20 - 9:40	Liang Hu, York University The Prospects of Mass Spectrometry in Direct Quantitative Analysis of Multiple microRNAs (DQAMmiR)
9:40 - 10:00	JoAnn Chen, University of Toronto - MS-ESE York University Investigating Conformational Effects of DNA-drug Interactions by Gas-phase Förster Resonance Energy Transfer
10:00 - 10:15	TBA PerkinElmer TECH TALK - Dual Source LCMSMS-improved functionality
10:15 - 10:40	Coffee Break, with posters & exhibits Cleghorn Room, McGreer Building (B12)
10:40 - 12:20	Environmental - Small Molecule, Bishop William Hall
10:40 - 11:00	Sean Overton, University of Ottawa Unimolecular reactions of NPAHs
11:00 - 11:20	Malick Diedhiou, University of Ottawa Ion Dissociation Dynamics of 1,2,3,4-Tetrahydronaphthalene (Tetralin) As A Simple Test Case For Hydrogenated PAHs
11:20 - 11:40	Jessica Clothier, York University New Mass Spectrometry Analysis for Perfluorinated Alkyl Substances (PFAS)
11:40 - 12:00	Lisa Szymkowicz, York University Development of a targeted nanoLC-MS/MS method for quantitation of residual toxins from Bordetella pertussis
12:00 - 12:20	Thanh Ngan Thang, Université de Montreal Applying Design of Experiments to the optimization of elution gradients in LC-MS
12:20 - 14:00	LUNCH BREAK - Free Time Dewhurst Dinning Hall, Building D2 (Cafeteria is open for lunch from 12:00 to 13:30)

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Monday, August 5, 2019

14:00 - 14:25	Invited Speaker Kristina Hakansson, University of Michigan <i>Electron-based tandem mass spectrometry for biomolecular cations and anions</i>
14:45 - 15:00	Coffee Break, with posters & exhibits <i>Cleghorn Room, McGreer Building (B12)</i>
15:00 - 16:20	Imaging, Bishop William Hall
15:00 - 15:20	Nidia Lauzon, RI-MUHC <i>Metabolomics by MALDI TOF Imaging MS: Biomedical Applications and Challenges.</i>
15:20 - 15:40	Consuelo Perez, York University <i>Internal Standard Application Strategies in Mass Spectrometry Imaging by Desorption Electrospray Ionization</i>
15:40 - 16:00	Ethan Yang, Université de Montréal <i>Silver spray deposition for AgLDI imaging MS of cholesterol, a fast alternative to sputter deposition</i>
16:00 - 16:20	Maryam Yousefi-Taemeh, York University <i>Direct analysis of Cannabis derivatives from Cannabis-infused edible products by DESI-MS</i>
16:20 - 19:00	Free Time & Dinner Break, Bishop's Cafeteria <i>Dewhurst Dinning Hall, Building D2 (Cafeteria is open for Dinner - 17:00 to 18:30)</i>
19:00 - 22:00	POSTER SESSION & SOCIAL <i>Refreshments will be served - Gleghorn Room / Posters & Exhibits</i>

Tuesday, August 6, 2019

8:00 - 9:00	Breakfast <i>Dewhurst Dinning Hall, Building D2 (Cafeteria is open for Breakfast from 7:00 to 8:30)</i>
9:00 - 10:35	HDX Proteomics, Bishop William Hall
9:00 - 9:20	Plenary Speaker Chris Thibodeaux, McGill University <i>Advancing Biosynthetic Enzymology with Structural Mass Spectrometry</i>
9:20 - 9:40	Banafsheh Mehrazma, York University <i>The unfolding of lipocalin 2 in the presence of siderophores</i>
9:40 - 10:00	Shaolong Zhu, York University - Sanofi <i>Epitope Mapping of Diphtheria Toxin by Hydrogen Deuterium Exchange Mass Spectrometry (HDXMS)</i>
10:00 - 10:15	TBA Agilent <i>Tech Talk - TBA</i>
10:15 - 10:40	Coffee Break, with posters & exhibits <i>Cleghorn Room, McGreer Building (B12)</i>

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10:40 - 12:00	Proteomics, Bishop William Hall
10:40- 11:00	Plenary Guy Poirier, Université Laval <i>Proteomics analysis the role of PARP in DNA homologous recombination</i>
11:00 - 11:20	Bill Davidson Student Award Winner Timon Geib, Université de Québec a Montréal <i>Reactive Metabolite formation and protein binding by LC-MS/MS</i>
11:20 - 11:40	Marie-Pier Ouellet, Université de Montréal <i>Applying An Experimental Design To Improve The Use Of Insoluble Crosslinked Proteolytic Enzymes For Better Sample Preparation In Microscale Proteomics</i>
11:40- 12:00	Maxime Sansoucy, Université de Québec a Montréal <i>Post-translational modifications in biological materials with unique properties</i>
12:00- 13:30	LUNCH BREAK <i>Dewhurst Dinning Hall, Building D2 (Cafeteria is open for lunch from 12:00 to 13:30)</i>
13:40 - 14:40	Metabolites / Metabolomics, Bishop William Hall
13:40 - 14:00	Anca Baesu, McGill University <i>Application of non-targeted analysis to study the fate of malachite and leucomalachite green in shrimp following thermal treatment</i>
14:00- 14:20	Bill Davidson Student Award Winner Irina Slobodchikova, Concordia University <i>Characterization of phase I and II metabolites of 17 mycotoxins using liquid chromatography high-resolution mass spectrometry</i>
14:20 - 14:40	Ben Warnes, Carleton University <i>Diazomethylation Enhancement of Phosphatidic Acid for Application in Mass Spectrometry</i>
14:40 - 15:00	Ons Ousji, Université de Québec a Montréal <i>Studying the metabolism of BHT in vitro by LC-HRMS/MS</i>
15:00 - 17:00	Coffee Break, with posters & exhibits + Free Time <i>Cleghorn Room, McGreer Building (B12)</i>
17:00 - 21:30	The Ken Standing Award Presentation - Bishop William Hall & Reception with Special BBQ Dinner
17:00 - 18:00	The Ken Standing Award Winner Emma Lundberg, Visiting Associate Professor, Genetics, Stanford University <i>Single cell proteome variability in human cells</i>
18:00 - 21:30	Special Reception & BBQ Dinner, <i>TD Terrace, Roof Top of Sports Complex Building C6</i>

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Wednesday, August 7, 2019

8:00 - 9:00	Breakfast Dewhurst Dining Hall, Building D2 (Cafeteria is open for Breakfast from 7:00 to 8:30)
9:00 - 10:35	Tutorials - Library Agora
9:00 - 9:20	Peter Liuni, York University The Nuts and Bolts of a Mass Spectrometry Core Facility
9:20 - 9:40	Sydney Wellman, York University Getting Out and Getting In (To Toxicology)
9:40 - 10:20	Derek Wilson, York University HDX Tutorial Talk Hydrogen Deuterium Exchange Mass Spectrometry: Up Close and Personal
10:20 - 1040	Coffee Break, Library Agoura, Building B3
10:40 - 11:20	Pierre Chaurand, Université de Montréal Imaging Tutorial Talk
11:20 - 12:00	Jeff Smith, Carlton University Lipidomics Tutorial Talk
12:00 - 13:00	Lunch, Box Lunch - Library Agoura, Building B3
13:00 - 13:40	Karen Waldron, Université de Montréal Capillary Electrophoresis - Mass Spectrometry: Recent Developments and Applications
13:40 - 14:20	Paul Mayer, University of Ottawa Gas Phase Ion Chemistry
14:20	Conference Ends