

CTOW 2017 Milton ON - Final Program

Monday April 24th

8:30	Registration and coffee		
9:00	Opening remarks		
9:10	Nigel Raine - CTOW Plenary	U Guelph	The impacts of neonicotinoid insecticides on bees: from individual behaviour to pollination services
9:50	Chunyan Hao	MOECC	Applying Advanced Mass Spectrometry Technology to Improve the Analysis of Neonicotinoid Pesticides
10:10	Tamanna Sultana	Trent U	Neonicotinoid insecticides in watersheds of the Great Lakes, Ontario
10:30	Morning break		
11:00	David MacKay	U Guelph	Analysis of neonicotinoid pesticides in environmental samples using a Quechers based extraction to evaluate the exposure and impact of seed treatments on honey bee productivity, health and behaviour over three seasons.
11:20	Xianming Zhang	Brock U/MOECC	Distributions of Poly- and Perfluoroalkyl Substances (PFASs) in Surface and Subsurface Seawater of the Northeast US Pelagic Zone
11:40	Pat Benvenuto	Maxxam	PFAS Dark Matter: Polyfluorinated precursors in soil and water
Noon	Lunch		
13:00	Raph Hindle - Caledon Award Talk	Vogon Labs	Expansion of EPA Method 537 from 14 to 30 Per/Polyfluorinated Substances by LC/QQQ
13:40	Òscar Aznar-Alemaný	IDAEA-CSIC, Barcelona	Flame retardants in seals of the Antarctic: Long-range transport of organic pollutants
14:00	Lisa D'Agostino	U Toronto	Aqueous Film Forming Foam-Related Perfluoroalkyl and Polyfluoroalkyl Substances in Canadian Surface Water and Sediment
14:20	Jeremy Wolff	Bruker	Advances in Organic Molecule Analysis with Isotopic Fine Structure (IFS) Mass Spectrometry
14:40	Afternoon break		
15:20	Christophe Deckers	Agilent	Remove the lipids from your samples but not your analyte, using EMR-Lipid for Enhanced Matrix Removal
15:40	Mehran Alaee	CCIW	Determination of Nitro-Musks in Wastewater Using QuEChERS Method Combined with Electron Capture Negative Ion GC/Tandem Mass Spectrometry
16:00	Chris Marvin	CCIW	Lessons Learned in Development of Liquid Chromatography – Mass Spectrometric Techniques for Analysis of Brominated Flame Retardants
16:20	Òscar Aznar-Alemaný - Science Slam Presentation	IDAEA-CSIC, Barcelona	Pyrethroids – The New Classic
17:30	Wagon Ride and Museum Tour		
18:00	Mixer		
18:45	Conference Dinner		

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Tuesday April 25th

8:30	Registration and coffee		
9:00	Paul Yang	MOECC	Liquid chromatography-High Resolution Mass Spectrometric Analysis of Pesticides in Environmental Samples
9:20	Suresh Seethapathy	Thermo	GC-MS/MS Pesticide Analyzer for Complex Pesticide Residues
9:40	Josh Ye	Perkin Elmer	Fast and Extended Analysis of Over 200 FDA Regulated Pesticides in Organic and Non-organic Grapes by LC-MS/MS using Time-Managed-MRM
10:00	<u>Morning break</u>		
10:40	Eva Korenkova	MOECC	Automated analysis of 1,4-dioxane in water by large volume injection GC/HRMS
11:00	Jean Luc Brousseau	Chrom Spec	SPE in US EPA Method 625, the Performance of Smaller Samples
11:20	Joachim Weiss	Thermo	Determination of Haloacetic Acids in Drinking Water by Ion Chromatography
11:40	Andy Sandy	Shimadzu	TBD
Noon	<u>Lunch</u>		
13:00	Denina Simmons	CCIW	The use of plasma and integrated OMICs approaches for Environmental Toxicology
13:30	Amanda Scott	General Electric	Enhanced Organics Characterization Using Total Organic Carbon (TOC) coupled with Size Exclusion Chromatography (SEC)
13:50	Alica Mell	McMaster	Risk Assessment of Smoke Exposure of Firefighters in the 2016 Fort McMurray Wildfire using GC-MS
14:10	Robert DiLorenzo	Sick Kids Hospital	A (non)targeted method for analysis of the serum exposome using atmospheric pressure gas chromatography-mass spectrometry
14:30	<u>Afternoon break</u>		
15:00	John Vukovic	Waters	Orthogonal Gas Phase Separation and Identification of Protomers
15:20	Erik Krogh	Vancouver Island Univ	Direct Analysis of Naphthenic Acids and Microcystins in Complex Samples using Membrane Introduction Mass Spectrometry
15:40	Xavier Ortiz	MOECC	A high throughput targeted and non-targeted method for the analysis of microcystins and anatoxin-A using on-line SPE coupled to LC-QToF MS
16:00	<u>End day 2</u>		