

## PRELIMINARY PROGRAM

TUESDAY MORNING (May 13 2014)

8:00	Registration
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Chair: **TBD**

Talk #	Session 1	Emerging Contaminants	Presenter
1	8:45	<b>Story on the Expert Panel Findings on 2,4,5-T</b>	<b>Dr. Len Ritter</b>
2	9:30	Determination of Contaminants of Emerging Concern Using a POCIS Sampler and UHPLC-Orbitrap Mass Spectrometry	Dr. Paul Yang
3	9:55	Online SPE – LC-MS/MS Analysis of Pesticides in Water	Don Noot
	<b>10:20</b>	<b>Coffee break</b>	
4	10:50	Organic Contaminants: NCP III Phase 7 Assessment of the Laboratory Performance	Victoria Tkatcheva
5	11:15	Direct Aqueous Injection Liquid Chromatography-Tandem Mass Spectrometry Analysis of Organophosphorus Flame Retardants in Environmental Water	Chunyan Hao
6	11:40	Occurrence and Fate of Emerging Contaminants during Aerobic and Anaerobic Sludge Digestion and Dewatering	Paula Guerra
	<b>12:05</b>	<b>Caledon Award presentation</b>	
	<b>12:15</b>	<b>Lunch</b>	

TUESDAY AFTERNOON

Chair:

Talk #	Session 2		Presenter
7	13:15	<b>DNA Binding by Ochratoxin A: Mechanism for Carcinogenesis and Detection Strategies</b>	<b>Richard Manderville</b>
8	14:00	Strategies and Techniques for Identifying Unknown compounds in Environmental Samples	Eric Reiner
9	14:25	Multidimensional approach to Increased System Peak Capacity	Patrice Lemire
10	14:50	Tridion-9 portable GC-MS	Jonathan Grandy
	<b>15:15</b>	<b>Coffee break and portable GC demonstration</b>	
11	15:45	Multi-residue analysis of pesticides in drinking water samples by automated SPME-GC/MS. Comparison with liquid-liquid extraction EPA method from green analytical chemistry point of view.	Angel Rodriguez-Lafuente
12	16:10	An Automated Technique for the Solid Phase Extraction and Analysis of Multiple Organochlorine Pesticide Residues from Wine	Vincent Leung
13	16:35	Interlaboratory trial for the validation of ISO 17943: Determination of volatile organic compounds un water using HS-SPME and GC/MS	Meghan Schlitt
	18:30	Dinner	

WEDNESDAY MORNING (May 14, 2014)

8:00	Registration
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Talk #	Session 3		Presenter
14	8:30	<b>SPME for on-site and automated lab quantification in complex systems – advantages and limitations</b>	<b>Janusz Pawliszyn</b>
15	9:10	The root cause of the ESI ion suppression for environmental and food safety analysis.	James Chang
16	9:35	Unknown Screening Made Easy – New Software Tools to Process Accurate Mass LC-MS/MS Data”	Andre Schreiber
17	10:00	A global survey of perfluoroalkyl and polyfluoroalkyl substances (PFASs) in surface soils in urban and remote locations	Keeghan Rankin
	<b>10:25</b>	<b>Coffee break</b>	
18	10:45	Commercial fluorosurfactants and extractable organofluorine in human blood	Leo Yeung
19	11:10	Parallel Dual-Column GCxGC-TOFMS (2GCxGC-TOFMS) for Analysis of PCBs and other Environmental Pollutants	Jack Cochran
20	11:35	Performance Characterization of a Quantitative Liquid Chromatography-Tandem Mass Spectrometric Method for Twelve Macrolide and Lincosamide Antibiotics in Salmon, Shrimp and Tilapia	Leslie Dickson
	<b>12:00</b>	<b>Student Awards</b>	
	<b>12:15</b>	<b>Lunch</b>	

WEDNESDAY AFTERNOON

Chair:

Talk #	Session 4		Presenter
21	13:15	<b>Characterization of Mixed-Halogen Dioxins and Furans in Fire Debris Using GCxGC-TOFMS and APGC-TQS</b>	<b>Frank Dorman</b>
22	13:55	Comprehensive Two-Dimensional Gas Chromatography for Routine Analysis – A Powerful Tool for Targeted and Non-Targeted Analysis for Environmental Samples	Alina Muscalu
23	14:20	Determination of 1,4-Dioxane, Tetrahydrofuran, and Nitrosamines at Ng/L Levels by Solid Phase Extraction and Capillary Column Gas Chromatography with Concurrent Solvent Recondensation – Large Volume Splitless Injection	Christopher Rattray
24	14:45	Investigation of the occurrence of pesticides in groundwater of Alberta	Claudia Sheedy
	<b>15:10</b>	<b>Coffee break</b>	
25	15:30	Applying differential mobility spectrometry with unique gas-phase separations to the analysis of naphthenic acids.	Matthew Noestheden
26	15:55	Shoot-and-Dilute GC: An Analogous Technique to Dilute-and-Shoot LC-MS/MS to Improve Gas Chromatographic Performance	Jack Cochran
27	16:20	Foreign Material Investigation in Food	Andrew Moore
	<b>16:45</b>	<b>Final Remarks and Prizes</b>	