

46th WCTOW

WESTERN CANADA TRACE ORGANIC WORKSHOP 2011 Preliminary Program

Edmonton Alberta

Delta Edmonton Centre Suite Hotel
Champlain/Mayfair/Laurier rooms

Sunday, May 8, 2011

6:30 pm – 9:00 pm **Registration and Hospitality Mixer**
Mackenzie room

Monday, May 9, 2011

8:00 am – 9:00 am **Registration and Breakfast**
Courtesy of: Chromatographic Specialties

9:00 am – 9:15 am **Chair: Dave Humphries, Alberta Innovates Technology Futures,
Vegreville**
Introductory Remarks and Announcements

9:15 am – 10:15 am **Keynote speakers: Team Canada Antarctica Expedition 2011. Jennifer
Keller & Dayle Pett**

10:15 am - 10:55 am **Coffee, Posters & Exhibits**
Courtesy of: Bruker Daltonics

11:00 am - 11:30 am **Current Use Pesticides in Alberta Waters: Methodologies, Case Study &
Lessons Learned, Victoria Cooper, Alberta Centre for Toxicology**

11:30 am - 12:00 pm **Evaluation of Rapid Extraction and Analysis Techniques for PAHs in
Seafood by**
GC-MSMS, Darren Johnston, Bruker Daltonics

12:00 pm – 1:25 pm **Lunch**
Courtesy of: Agilent Technologies

Afternoon session	Chair: Don Noot, Vogon Labs, Calgary, AB
1:30 pm - 2:00 pm	Analysis of Chloramphenicol in Milk using Flexar SQ300MS, Sharanya Reddy, Perkin Elmer
2:00 pm - 2:30 pm	Partitioning Studies of Naphthenic Acids with Synthetically Engineered Sorbent Materials, Dr. Mohamed Hamid Mohamed, NHRC, Water Science and Technology Directorate, Saskatoon
2:30 pm - 2:55 pm	<i>Coffee, Posters & Exhibits Courtesy of: Pickering Laboratories</i>
3:00 pm - 3:30 pm	Highly sensitive, rapid and robust method for detection of THCA in hair Dr. Marcus Kim, Agilent
3:30 pm - 4:00 pm	Transport of Excreted Residues of Three veterinary antimicrobials, Allan Cessna, Agriculture Canada
4:00 pm	Adjourn

Tuesday, May 10, 2011

8:00 am – 9:00 am	<i>Coffee and Breakfast Courtesy of: Waters Inc.</i>
Morning session	Chair: Tom Thompson, Alberta Agriculture, Edmonton
9:00 am – 10:00 am	Keynote speaker Ernie Hui, Assistant Deputy Minister, Alberta Department of Environment,
10:00 am - 10:30 am	Automation of Sample Preparation in Trace analysis, Haibin Wan, PromoChrom Technologies Ltd.
10:30 am - 10:55 am	<i>Coffee, Posters & Exhibits Courtesy of: PromoChrom Technologies Ltd.</i>

11:00 am - 11:30 am	POP's Quiz-Advances in Persistent Organic Pollutant Analysis Eric Phillips, Thermo Scientific
11:30 am - 12:00 am	Degradation of Erythromycin in Honey and Selection of Suitable Marker Residues for Food Safety Analysis, Tom Thompson, Alberta Agriculture
12:00 pm - 1:25 pm	<i>Lunch</i> <i>Courtesy of: Thermo Scientific</i>
Afternoon session	Chair: Sean Johnston, ALS, Edmonton
1:30 pm - 2:00 pm	Latest Development of LC-MS/MS Technology to Analyze Targeted and Non-targeted contaminants in Water Samples, Christopher Borton, AB Sciex.
2:00 pm - 2:30 pm	GC Tips and Tricks, Don Noot, Vogon Laboratories
2:30 pm - 2:55 pm	<i>Coffee & Posters & Exhibits</i> <i>Courtesy of: K'(Prime) Consulting, MasSpec Consulting and Vogon Laboratory Services</i>
3:00 pm - 3:30 pm	Taking the Solvent out of Extractions for MultiResidue Pesticide Methods, Eric Phillips, Thermo Scientific
3:30 pm - 4:00 pm	How mobile phase composition affects the LC/MS/MS analysis of <i>iso</i>-chlortetracycline, Allan Cessna, Agriculture Canada
4:00 pm	Adjourn
5:15 pm	<i>Gather at hotel for transportation to Telus World of Science</i>
5:30 – 5:45 pm	<i>Transportation to Telus World of Science</i>
5:45 – 6:30 pm	<i>Cocktails</i>
6:30 – 7:30 pm	<i>Dinner</i> <i>Sponsored by Canadian Life Sciences</i>
7:30 – 8:00	<i>Caledon Award presentation</i>
8:00 - 9:00 pm	<i>IMAX PRESENTATION “Born to be Wild”</i>
9:00pm	<i>Transportation back to hotel</i>

Wednesday, May 11, 2011

8:00 am - 8:55 am	<i>Coffee and Breakfast</i> <i>Courtesy of: Perkin Elmer</i>
Morning session	Chair: Diana Chau, Environment Canada, Edmonton
9:00 am - 9:30 am	Rapid and Reliable Targeted High Resolution Screening for Pesticides in Food, Brad Barrett, Waters Inc.
9:30 am – 10:00 am	QuEChers Approach to Determine Pharmaceuticals and Toxins in Whole Blood. Brian Smith, Agilent Technologies.
10:00 am – 10:30 am	Speciation and Fingerprinting of Classical Naphthenic Acids, Dave Humphries, Alberta Innovates Technology Futures
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10:30 am - 10:55 am	<i>Refreshment Break</i> <i>Courtesy of: AB Sciex</i>
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11:00 am – 11:30 am	Improving Quantification of Naphthenic Acids: Mass Accuracy and Ion Suppression, Matthew Noestheden, Vogon Labs
11:30 am – 12:00 pm	Environmental Mass spectrometry of Oil Sands Processing Water Acid Extractables, Kerry Peru, J. Headley, B. Fahlman, Environment Canada
12:00 pm	Closing remarks. Next Year's Workshop.
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Caledon Award

Caledon Laboratory Chemicals

Organizing Committee

Tom Thompson – Alberta Agriculture
Sean Johnston - ALS
David Humphries – Alberta Innovates
Diana Chau - Environment Canada