



Analytical Alberta Symposium 2019

InnoTech Alberta, PerkinElmer, and VUV Analytics have joined together to host a two day event to explore innovations in Petroleum analysis and Gas Chromatography. Learn from industry experts on new methodologies addressing hydrocarbon challenges, and learn the best practices for GC operation and optimization.

Whether you are looking to enhance your laboratory practices or leverage new techniques and technologies, these presentations are focused on industry concerns and expanding your analytical horizons. Register for one or both days!

OCTOBER 2 - CHROMATOGRAPHY EDUCATIONAL SESSIONS

We are pleased to present a day of learning, tackling everything from the basic to the tricky Gas Chromatography challenges. Learn the "tricks of the trade" from scientists and leading industry professionals.

The goal: To enable a more productive workflow and more accurate results.

Agenda	Time
Registration and Continental Breakfast	8:15 AM
Welcome and Introductions, PerkinElmer	8:55 AM
Headspace and Thermal Desorption GC Sample Introduction Techniques: Theory, and Applications <i>Lee Marotta, PerkinElmer</i>	9:05 AM
Getting the Most from Your Liquid Injections: Optimization <i>Lee Marotta, PerkinElmer</i>	9:35 AM
Volatile Sample Introduction via Heated Pressurized Injection System (HPLIS) <i>Yves Bouchard, Chromatographic Specialties Inc</i>	9:55 AM
Break	10: 20 AM
Selecting the Best GC Column for Your Analysis <i>Keith R. Irwin, Restek</i>	10:35 AM

Dates: October 2nd - 3rd, 2019

Time: 8:15 AM - 4:00 PM

Location: InnoTech Alberta
250 Karl Clark Road
Edmonton, AB T6N 1E4

October 2 - Chromatography Educational Sessions

Registration: <https://ChromeEducation.eventbrite.com>

October 3 - Petroleum Symposium

Registration: <https://AlbertaPetro.eventbrite.com>

October 1 - Cannabis Analysis Symposium

Registration: <https://AlbertaCannabis.eventbrite.com>

For the convenience of attendees not regionally close to the InnoTech Alberta site, we are live-streaming presentations. Please visit the registration webpage for details.



Expanding GC Capabilities with Microfluidics: Dean Switching and Backflushing <i>Chris Goss, InnoTech Alberta</i>	11:15 AM
Lunch <i>Compliments of PerkinElmer, VUV Analytics, and InnoTech Alberta</i>	11:50 AM
Choosing the Best GC Detector for Your Analysis: Selection, Theory and Function <i>Chris Goss, Presented by InnoTech Alberta</i>	1:00 PM
An Introduction to Gas Chromatography-Vacuum Ultraviolet Spectroscopy (GC-VUV) <i>Tom Steen, VUV Analytics</i>	1:45 PM
Break	2:10 PM
Gas Chromatography (GC) Troubleshooting and Maintenance <i>Lee Marotta, PerkinElmer</i>	2:25 PM
Tricks of the Trade keeping ASTM D7169 Up and Running <i>Chris Goss, Presented by InnoTech Alberta</i>	3:05 PM

Validation of the "Merge" Method on One Gas Chromatograph (GC) for Boiling Point Distribution and Individual Hydrocarbon Speciation of Stabilized Crude Oils <i>Chris Goss, InnoTech Alberta</i>	11:25 AM
Lunch & Posters <i>Compliments of PerkinElmer, VUV Analytics, and InnoTech Alberta</i>	11:55 AM
Extending the VUV Analyzer™ Platform to ASTM D8267 Analysis of Jet Fuel <i>Dan Wispinski, VUV Analytics</i>	12:55 PM
Fast, Simultaneous Analysis of Chlorine and Fuel in Lubricants by Gas Chromatography <i>Lee Marotta, PerkinElmer</i>	1:25 PM
Break	2:20 PM
Determination of Olefins in Condensate and Upgraded Bitumen by GC-VUV <i>Chris Goss, InnoTech Alberta</i>	2:35 PM
Solvent Quantification in SAGD Solvent-Steam Co-injection <i>Ian McQuay, InnoTech Alberta</i>	3:00 PM
The Future of the VUV Analyzer™ Platform – Diesel Analysis <i>Dan Wispinski, VUV Analytics</i>	3:25 PM

OCTOBER 3 - PETROLEUM SYMPOSIUM

The petroleum industry, world-wide, looks for the best solutions to ensure accurate results, optimize product quality, and address industry concerns. These solutions are turnkey, easy, and accurate guaranteeing success. Presentations will discuss:

Agenda	Time:
Registration and Continental Breakfast	8:15 AM
Welcome <i>VUV Analytics</i>	8:55 AM
Not All Crudes Are Created Equal: Driving Industry Crude Quality Variability Understanding Across 107 Canadian Crude Oils <i>Randy Segato, Suncor and President Canadian Crude Quality Technical Association (CCQTA)</i>	9:05 AM
A Snapshot of Analytical Method Development for the Analysis of Hydrocarbons at CanmetENERGY Devon <i>Nicole Heshka, CanmetENERGY</i>	9:50 AM
Break	10:15 AM
Live Crude Analysis Using ASTM D8003 <i>Amanda Prefontaine, InnoTech Alberta</i>	10:30 AM
Using the VUV Analyzer™ Platform for Fuels for ASTM D8071 and Verified Hydrocarbon Analysis (VHA) <i>Dan Wispinski, VUV Analytics</i>	10:55 AM



VGA-100 Benchtop VUV Spectrometer



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PerkinElmer, Inc.
940 Winter Street
Waltham, MA 02451 USA
P: (800) 762-4000 or
(+1) 203-925-4602
www.perkinelmer.com



VUV Analytics, Inc.
1500 Arrow Point Drive
Bldg 8, Suite 805
Cedar Park, TX 78613 USA
(+1) 512-333-0860
www.vuvanalytics.com



InnoTech Alberta
250 Karl Clark Road
Edmonton, AB T6N 1E4
Canada
(+1) 780-450-5111
www.innotechalberta.ca

