

# NANOLYTICA 2017

PerkinElmer and Simon Fraser University are providing a free symposium that brings together industrial, government, and academic researchers to discuss recent developments, challenges and future opportunities at the interface of the analytical sciences and nanotechnology.

**Network and Learn:** This symposium is a great way for you to learn from colleagues and peers and to discover the latest technological advances and analytical techniques in nanomaterials and advanced materials. At the close of the formal talks, there will be a networking poster reception. During the reception participants can engage with the speakers, poster presenters and attendees and discuss future collaboration opportunities. A complimentary drink ticket will be included with registration and a cash bar will also be available. Poster prizes will be awarded at the end of the reception.

## Oral Session

<b>Registration</b> (Coffee and Tea Provided)	8:00 AM
Welcome and Overview, PerkinElmer and SFU	8:45 AM
"Shining Light on Nanomaterials using in situ X-Ray Absorption Spectroscopy" Dr. Robert Scott, University of Saskatchewan	9:00 AM
"Nano-enabled Biomaterials for Tissue Engineering and Drug Delivery" Dr. Mohsen Akbari, University of Victoria	9:30 AM
<b>Coffee Break and 4D LABS Tour</b>	10:00 AM
"Nanoscale Materials: Core Enablers of Advanced Energy Development" Dr. Walter Cicha, Industrial Technology Advisor, NRC-IRAP	10:30 AM
"Nanoparticles in Drug Delivery: Challenges Encountered in Developing a Clinical Candidate" Dr. Richard Liggins, CDRD-The Centre for Drug Research and Development	10:45 AM
"Environmental Analytical Chemistry: Exploring Interfacial Interactions with Direct Sampling Mass Spectrometry" Dr. Erik Krogh, Vancouver Island University	11:00 AM
"Introducing PerkinElmer's new NexION 2000 ICPMS: Any Matrix, Any Interference, Any Particle Size" Andrew Rams, PerkinElmer	11:30 PM
<b>Lunch Break and 4D LABS Tour</b>	12:00 PM
"Opportunities and Challenges in Nanofibre Technology" Dr. Frank Ko, University of British Columbia	1:00 PM
"Trend in Single Particle and Single Cell ICP-MS: From Particles Detection in Complex Matrices to Quantification of Particles Number and Metal Content in Individual Unicellular Organisms" Aaron Hineman, PerkinElmer	1:30 PM
"Toward Non-Invasive, High-resolution 3D Nano-tomography by Ultrasonic Scanning Probe Microscopy and Scanning Thermal Microscopy" Dr. Sam Kim, University of Calgary	2:00 PM
"Monitoring the Fate and Transformation of Silver Nanoparticles in Consumer Products upon Ingestion" Dr. Jana Navratilova, United States Environmental Protection Agency	2:30 PM
<b>Coffee Break</b>	3:00 PM
"Fuel Cells: Challenges in Materials and Catalyst Layer Characterization" Dr. Darija Susac, AFCC, Automotive Fuel Cell Cooperation Corp.	3:30 PM
"On the Mechanism of Ion Adsorption to Aqueous Interfaces: Air/Water vs. Graphene/Water" Dr. Rich Saykally, University of California Berkeley	4:00 PM
<b>Don't Miss: Poster Session and Networking Reception</b>	4:45 PM

Learn more at: <https://www.sfu.ca/nanolytica.html>

Attendance is FREE, but tickets are limited!

PerkinElmer, Inc.  
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## Event Details

<b>Date</b>	Thursday, May 4th, 2017
<b>Time</b>	9:00 AM - 6:30 PM
<b>Location</b>	Simon Fraser University Leslie & Gordon Diamond Family Auditorium, Burnaby Campus 8888 University Dr. Burnaby, B.C. Canada V5A 1S6

Register Today: [NanolyticaSFU2017eventbrite.com](http://NanolyticaSFU2017eventbrite.com)

or for faster registration scan the QR Code here:



## Call for Posters

We invite all scientists and engineers from academia, government or industry to submit posters for consideration at the NanoLytica event. It's your chance to share your ideas and experiences with others working in this field.

The best student presented poster will

## WIN AN APPLE iPad Mini!

Submit when you register online!

## Need More Information?

Contact Thomas Hey with any questions.

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