



NANOFACILITIES FOR EMERGING TECHNOLOGIES Industry-University Showcase

Mike & Ophelia Lazaridis
Quantum-Nano Centre,
University of Waterloo,
Waterloo, Ontario
May 13th, 2015



8:00-9:00	Registration Continental breakfast	
9:00-9:15	Opening Remarks General presentation on NanoOntario: history, members, brief outline of the day	Arthur Carty Chair, NanoOntario Board of Directors
Tools for Enabling Industry-Academia Collaborative Projects Chair: François Lagugné-Labarthet		
9:15-9:35	NSERC Presentation on their programs: Engage, Strategic, Collaborative Research and Development	John Jackson Research and Innovation Development Officer, NSERC
9:35-9:55	MITACS Presentation on their programs: Elevate, Accelerate	Rebecca Bourque Director, Business Development, MITACS
9:55-10:15	Ontario Centres of Excellence Presentation on their programs	Ken Schultz Business Development Manager, OCE
10:15-10:30	Coffee break	
Facilities in Ontario: State-of-the-Art Facilities for New Technology Chair: Hind Al-Abadleh		
10:30-10:50	University of Toronto Presentation on the TNFC facility, capacities, functioning, access point(s), and example(s) of collaboration with industry partner(s)	Alex Tsukernik Technical Manager, Electron Beam Nanolithography Facility, University of Toronto
10:50-11:10	University of Waterloo - Mike & Ophelia Lazaridis Quantum-Nano Centre Presentation on the facility, capabilities, organizational structure, access protocols, and example(s) of devices designed and fabricated	Vito Logiudice Director of Operations, Quantum NanoFab, University of Waterloo
Benefitting from Academic Facilities: Solving our Problems Chair: Sylvain Charbonneau		
11:10-11:30	Case 1: Ranovus R&D needs of a small company	Hamid Arabzadeh Chairman, President and CEO, Ranovus
11:30-11:50	Case 2: Raymor R&D needs of a small company	Jens Kroeger Director of Technology, Raymor
11:50-12:10	Case 3: Iridian R&D needs of a medium company	Claude Montcalm Senior Research Scientist, Iridian
12:10-13:40	Lunch Networking & Industry Exhibition Tour of the Quantum-Nano Centre (QNC)	

Facilities in Ontario: State-of-the-Art Facilities for New Technology

Chair: Hind Al-Abadleh

13:40-14:00	Western University - Nanofab Facility and Surface Science Western Capacities, functioning, access point(s), and example(s) of collaboration with industry partner(s)	François Lagugné-Labarthet Scientific Director, Western Nanofabrication Facility, Western University
14:00-14:20	University of Ottawa Capacities, functioning, access point(s), and example(s) of collaboration with industry partner(s)	Pierre Berini Director, Centre for Research in Photonics, University of Ottawa

Benefitting from Academic Facilities: Solving our Problems | Chair: Alain Franco

14:20-14:40	Case 4: 3M R&D needs of a large company	Frank Brandys Product Innovation Laboratory Manager, 3M Canada
14:40-15:00	Case 5: IGNIS R&D needs of a small company	Reza Chaji President and Chief Technology Officer, IGNIS

Facilities in Ontario: State-of-the-Art Facilities for New Technology

Chair: Alain Franco

15:00-15:20	McMaster University - CCEM (Imaging Facility) & CEDT Capacities, functioning, access point(s), and example(s) of collaboration with industry partner(s)	John Preston Associate Dean, Research and External Relations, McMaster University
15:20-15:40	Coffee break	

Discussion Panel

15:40-16:40	Collaboration: A Key to Technological Success Mike Phaneuf, President, Fibics Jeff MacDonald, CEO, EcoSynthetix Murray McLaughlin, Executive Director, Bioindustrial Innovation Canada Sylvain Charbonneau, Associate Vice-President, Research, University of Ottawa David Tweddell, Senior Consultant - Strategic Initiatives, Western University Mike Szarka, Director, Research Partnerships, University of Waterloo	Moderator: John Dutcher Director of Nanoscience Program, University of Guelph
16:40-17:00	Concluding remarks Definition of NanoOntario role within the context of collaboration. How can we help? What can we propose? Fee for service charges? Collaborative partnerships?	François Lagugné-Labarthet Chair, Organizing Committee Arthur Carty Chair, NanoOntario Board of Directors

Organizing Committee



François Lagugné-Labarthe

Chair, Organizing Committee

Scientific Director, Western Nanofabrication Facility, Western University



Hind Al-Abadleh

Associate Professor,
Wilfrid Laurier
University



Arthur Carty

Executive Director,
Waterloo Institute for
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Sylvain Charbonneau

Associate Vice-
President, Research,
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Alain Francq

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