Integration for Innovation:

Lab2Fab nanofabrication workshop aims to enhance Canadian expertise in technology development and transfer

Sept. 21, 2017

Leaders from across Canada's micro-nanotechnology innovation community are getting together to explore strategies for boosting national capability in nanofabrication, integration and manufacturing readiness of advanced technologies.

Venues:

The biannual **Lab2Fab Nanofabrication Workshop on Technology Development and Transfer**, Sept 27-28, 2017, aims to build Canadian competitiveness in advanced technology manufacturing by leveraging the respective strengths of industry and Canada's university-based micro-nanofabrication facilities.

Themed "Integration to Innovation," the 2017 workshop spans two venues, the GCM Lab at Polytechnique Montréal and MiQro Innovation Collaborative Centre (C2MI) in Bromont, Québec, offering an in-depth look at the capabilities of some of Canada's leading-edge micro-nanofabrication facilities.

"Our inaugural gathering in 2015 drew attendees from university and government labs, manufacturers, company builders and technology developers," says Andrew Fung, workshop chair. "It showed us that there is value in working collaboratively towards an integrated, 'lab to fab' model that builds capacity and expertise and helps innovators overcome R&D challenges in next-generation technologies."

"This year's event will continue that conversation, pushing towards consensus and a roadmap for developing the Canadian ecosystem of nanofabrication and nanomanufacturing."

"These discussions are extremely valuable in helping industry innovators understand what micro-nano labs can do for them, and for helping the labs understand the R&D needs of industry," says Martin Giguère, Director of Facilities, GCM Lab.

"This is also an opportunity to show how a facility such as GCM can play a significant role in the development of future technologies in Canada."

Session topics include:

- Innovating at nanofabrication labs;
- Positioning new technologies for commercialization and scale-up
- Bridging the gaps from discovery to production
- R&D challenges – stories from the trenches; and
- Strategies for achieving high-value outcomes

Speakers include Dan Sinai (IBM Canada), Oliver Brand (Georgia Institute of Technology), Alan Renaudin (C2MI), and Ken Brizel (ACAMP).

In addition, a lunch-and-learn session by Lukas Chrostowski, UBC, will review opportunities that gain advantage from silicon-photonics prototyping.

This event is organized in co-operation with CMC Microsystems and co-hosted by:

Event details and registration information can be found at www.lab2fab.ca/

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