

# CREATING DIGITAL OPPORTUNITY

## CDO Third Annual Network Conference

University of Saskatchewan, Saskatoon SK

### POLICY DAY - AGENDA

Monday, April 25, 2016

#### Marquis Hall and Canadian Light Source

- 7:45 – 8:45 am Group Breakfast in **Exeter Room, Marquis Hall**  
*(departure for 7 minute walk to CLS)*
- 9:00 – 10:00 am Digital Plan Breeding; tour of Canadian Light Source (CLS)
- 10:00 – 10:30 am Return to **Exeter Room, Marquis Hall** *(7 minute walk)*  
*Refreshment Break*
- 10:30 – 12:00 pm Panel One: Discussion with leaders of CFREF on P2IRC to design a new plant breeding system (Brian Wixted, Moderator)
- Dean Chapman, Science Director, Canadian Light Source Synchrotron
  - Andrew Sharpe, Research Scientist, National Research Council and Global Institute for Food Security
  - Carl Gutwin, Professor, Computer Science, University of Saskatchewan
  - Peter Phillips, Professor of Public Policy, JSGS

This panel is challenged to address three overarching questions about creating and realizing the digital opportunity in the Canadian and global agrifood industry. In the context of the P2IRC and its potential application, please address one or more of these questions:

1. What are the new ICT platforms that are creating new opportunities in your part of the economy, i.e. cloud computing, big data, sensing, automation, additive manufacturing ...? What is the role of Canadian ICT firms supplying those technologies to you? What factors are likely to make Canada the location of choice for domestic and global firms?
2. What is the digital opportunity in your sector? How effectively are industries in the resource sectors in Canada adopting and deploying new digital technologies and media applications? In the context of the global production networks you engage in and the related global innovation system, what are the stages that Canadian firms compete and are involved in? What opportunities, both global and domestic, is this creating for domestic developers and suppliers of digital products and services?
3. What policy initiatives are needed to ensure that Canadian industry remains at the forefront of ICT development, adaptation adoption and diffusion? What are the appropriate policies needed to support Canadian firm's involvement? How can these factors be effectively harnessed by policy to ensure that Canadian firms participate in these global networks and benefit from the emerging opportunities?

# CREATING DIGITAL OPPORTUNITY

...Policy Day continued

12:00 – 1:30 pm Group Lunch (in meeting room)

- 1:30 – 3:00 pm Panel Two: Digital Mining: some mines are automated already and others are moving there (Peter Phillips, Moderator)
- Brian Schreiner, Chief Geoscientist, Saskatchewan Research Centre
  - Glen Meuchel, Mosaic Director of Asset Management - Potash
  - Mark Leach, Vice President – Business Technology Services, Cameco Corporation
  - Al Shpyth, Executive Director, International Mining Innovation Institute
  - Brian Wixted, Adjunct Professor, JSGS

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3:00 – 3:30 pm *Refreshment Break*

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...Policy Day continued

- 3:30 – 5:00 pm **Policy Forum:** The challenges of advancing digital policy in the primary industries and beyond (Carin Holroyd, Moderator)
- Jerome Konecsni, Deputy Minister, Innovation Saskatchewan
  - Doug Zolinsky, Director General, Strategic Investments, Western Diversification
  - David Gauthier, Executive Vice President, Saskatoon Regional Economic Development Authority
  - Felix Thomas, Tribal Chief, Saskatoon Tribal Council
  - William Forward, Interim Director, Mowat Centre, UofT

This panel is challenged to address three overarching policy questions about creating and realizing the digital opportunity in Saskatchewan and Canada. Please address one or more of these questions:

1. What new ICT platforms are creating new opportunities in your part of the economy, i.e. cloud computing, big data, sensing, automation, additive manufacturing ...? What factors are likely to make Canada the location of choice for domestic and global firms?
2. What are the prospects for digital transformation of the economy and society? How effectively are industries in Saskatchewan/Canada adopting and deploying new digital technologies and media applications? What are the stages that Canadian firms compete and are involved in? What opportunities, both global and domestic, is this creating for domestic developers and suppliers of digital products and services?
3. What policy initiatives are needed to ensure that Canadian industry remains at the forefront of ICT development, adaptation adoption and diffusion? What are the appropriate policies needed to support Canadian firm's involvement? How can these factors be effectively harnessed by policy to ensure that Canadian firms participate in these global networks and benefit from the emerging opportunities?
4. What policy challenges do you see or foresee that complicates or advances the digital opportunity? How do we deal with those challenges?



5:00 – 6:00 pm Break and walk to Dinner venue:



101 Administration Place / 306.966-7781

6:00 – 9:00 pm **Cash Bar Reception and CDO Group Dinner** /w local industry and government and local digital entrepreneurs.

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## CDO Third Annual Network Conference

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### AGENDA – DAY 2

Tuesday, April 26, 2016

#### Exeter Room - Marquis Hall

- 8:15 – 9:00 am *Breakfast*
- 9:00 – 9:15 am *Welcome*
- 9:15 – 10:05 am **Session 1 – Canada’s Position in Global Production Networks (20” ea)**
- Joe Wong (co-author, Doug Fuller), “Plugging into Asian Innovation Networks: the case of Korean ICT”
- Deanna Horton (co-author, Jonathan Tavone), "Locating Canadian Digital Economy Firms in Asia and Beyond"
- Carin Holroyd, “Canadian Digital Content Companies and the Challenges of the Japanese Market”
- 10:05 – 10:40 am *Refreshment Break*
- 10:40 – 12:30 pm **Session 2 – The Local Context for Global Networks (20” ea)**
- Patrick Cohendet (co-author, David Grandadam et al), “The dynamics of innovative and competitive digital ecosystems in Canada: Digital gaming in Quebec”
- Travis Southin (co-author, David Wolfe), “Toronto’s ICT/Fintech Firms in Global Context”
- Tijs Creutzberg (co-authors, Brendan Haley and Todd Julie), “Ottawa ICT: Transitioning to new digital opportunities”
- Darius Ornston, “Small States and Cities: Using interpersonal networks to accelerate economic restructuring in Waterloo”
- Adam Holbrook (co-author, Ben Anderson), “Using GEM PES data to inform a survey of global digital opportunities in Vancouver”
- 12:30 – 1:30 pm *Lunch*

# CREATING DIGITAL OPPORTUNITY

...Day 2 Continued

1:30 – 3:00 pm     **Session 3 – The Local Context for Global Networks (cont'd) (20" ea)**

Catherine Beaudry (co-author, Mélik Bouhadra), "ICT Hardware Clusters and Networks in Quebec"

Shiri Breznitz (co-authors, Doug Noonan and Martin Kenney), "Spurring Local Economic Growth through Universities, Arts Districts, and Digital Media – The Canadian Case" (via Skype)

Tara Vinodrai (co-author, Ben Spigel), "Anchor Firm Demise and Digital Opportunity: Digital talent and entrepreneurship in the Waterloo eco-system"

Allison Bramwell, "Expanding Digital Opportunity? The Politics of Economic Transformation in the 'Ordinary City'"

3:00 – 3:15 pm     *Refreshment Break*

3:15 – 4:45 pm     **Session 4 – Diffusion of Digital Technology Across the Economy (20" ea)**

Yves Bourgeois, "Bifurcated Trajectories for ICT Adoption in Wood Based Industries"

Charles Davis, "Virtual Reality: Challenges of UX design for a new immersive consumer medium"

Diane-Gabrielle Tremblay (co-author Amina Yagoubi), "Open Innovation and Cross-Fertilization in IT and Garment-Fashion"

Peter Warriar, "Advanced Materials and Manufacturing for Design"

4:45 – 5:00 pm     Wrap up and agenda for final meeting day



5:00 – 7:00 pm     **STUDENT SOCIAL – Graduate Student Commons**

Our USask students have arranged for a get-together and dinner for all of our student researchers.

6:00 – 8:00 pm     **Dinner (Cash Bar) for the remaining CDO members**



Innovation Place  
106 - 111 Research Drive  
306.978.2582

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### AGENDA – DAY 3

Wednesday, April 27, 2016

#### Exeter Room - Marquis Hall

8:30 – 9:00 am *Breakfast*

9:00 – 10:30 am **Session Five - Partner and Related Session (20" ea)**

Jeff Crelinsten, "The Role of Accelerators in Digital Innovation Networks"

Dan Breznitz (co-authors, Shiri Breznitz, David Wolfe), "Current State of the Financial Technology Ecosystem in the Toronto Region"

Shauna Brail, "Uber vs City Hall: 'New' industry models within traditional systems of governance" (via Skype)

David Ticoll, "Driving Changes: Policy Agenda for the Automated Vehicle Age"

10:30 – 10:45 am *Refreshment Break*

10:45 – 12:30 pm **Session Six - Student Research Presentations (20" ea)**

**Discussants:** Catherine Beaudry - École Polytechnique de Montréal

Allison Bramwell - University of North Carolina at Greensboro

Todd Julie, Ottawa – "The Evolution of Ottawa's Local High Technology Governance Institutions: A case study of OCRI and Invest Ottawa"

Jo-Anne Relf-Eckstein/Graeme Jobe, Saskatoon – "Organization of firms and farmers: Capturing economic and social value through the metamorphoses of agriculture in a digital world"

Emilia Zboralska, Toronto – "Telling Our Stories on the Web: Canadian English-Language webseries and the production of culture online"

Bryce Anable, Davis, California (co-author, Martin Kenney) – "Platforms for Monetizing User-Generated Content: Business models and strategies of You Tubers"

Melik Bouhadra/Georges Hage, Montreal – "Collaboration Networks and Innovation in Quebec's ICT Hardware Cluster: a deeper understand of the ecosystem"

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...Day 3 Continued

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12:30 – 1:30 pm *Lunch*

1:30 – 3:00 pm **Session Seven - Breakout Sessions**

Theme 1 – Global Production Networks – Exeter Room

Theme 2 – Local Context for Global Networks – Exeter Room

Theme 3 – Diffusion of IT Across the Economy – Montcalm/Stewart

3:00 – 3:30 pm **Session Eight - Final Wrap-up**

Progress on CDO project to year two

Critical objectives going forward

CDO Annual Meeting 2017 – Montreal dates

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3:30 – 5:00 pm **After-Meeting Session**

**Joint Research Advisory Committee Meeting** *(separate agenda)*

**Attending:**    **Partners**  
                         **Management Committee Members**  
                         **Research Theme Leaders**