



ORION SUMMIT 2010

From Here to the Future ...at an Innovation Crossroad
 April 12-13, 2010, MaRS Centre, Toronto

Monday, April 12, 2010

6:00 – 7:30 pm

ORION AWARDS AND SUMMIT RECEPTION

MaRS Atrium

Presentation of the ORION Award and of Premier of Ontario Certificates of Achievement in three categories.

Tuesday, April 13, 2010

8:00 4:00 pm

TECHNOLOGY SHOWCASE – Display and Demonstrations from ORION Summit partners and sponsors

8:00 am

REGISTRATION AND CONTINENTAL BREAKFAST

8:30 am

WELCOME

Phil Baker, President/CEO, ORION

“ORION Vision for the Future”

9:00 am

OPENING KEYNOTE SPEAKER

Tom Jenkins

Executive Chairman & Chief Strategy Officer, Open Text Corp.

9:45 am

Session 1

Broadband - today's critical infrastructure

Jurisdictions around the world are moving aggressively to implement broadband initiatives in communities --- the links between economic, cultural and social are now well established. Research and education networks are playing a key role in many regions and countries. As ultra-broadband networks they have the knowledge and experience to help push broadband out to the wider community. In this session, we look at the status of expanding access to broadband in Canada, barriers and opportunities, and what other jurisdictions are doing. Merit, Michigan's research and education network, is one of those leading the charge in the United States.

Phil Baker

President and CEO, ORION

Don Welch

President and CEO, Merit, Michigan State Research and Education Network

Session 2

A “place to grow” a global scale digital media hub

In today's world, everything is digital. New investments and visionary initiatives are poised to put Ontario on the map of global digital media creation and innovation. In this session, we look at the Waterloo region's digital media creation and innovation corridor, and the shaping of a vision for Canada 3.0

Ian Wilson

Founding Director, Stratford Institute, University of Waterloo

Session 3

Extracting the full value of ORION

ORION is introducing new services that can leverage the unique capabilities of the network, including data storage and backup, videoconference support and options for a new interactive media platform, among others. ORION has already introduced the new O3 professional networking and collaboration platform for Ontario's research and education community. It is now working with its user institutions and service partners to roll out a number of pilot projects. In this session, we will hear from ORION on the status of the services and from the institutions involved in the pilots.

Blair Brenot, Technology Innovation Leader, ORION

Sean Reynolds, CIO, Queen's University

Chris Russel, Director, IT Infrastructure, York University

11:00 am	Networking and Coffee Break
11:15 am	<p><u>CANARIE - Canada's Research and Innovation Network</u></p> <p><u>Jim Roche</u> President/CEO CANARIE</p> <p>Showcase: CANARIE NEP-funded project - Health Science Virtual Organization (HSVO)</p> <p><u>Dr. Rachel Ellaway</u>, Assistant Dean, Education Informatics, Northern Ontario School of Medicine</p> <p>The Health Services Virtual Organization (HSVO) Project has developed a network-enabled platform (NEP) consisting of a messaging specification, a collection of devices, a bus interface architecture and a middleware hub (SAVOIR) that can support the authoring execution and tracking of multiple independent and integrated simulation activities. The HSVO NEP allows web devices to be coordinated, to talk to each other, to control each other, to use services from elsewhere, to use each other as services. This means that instructors and learners can have access to any services and devices at any time and location thereby supporting both scheduled and on-demand practice or instruction. This presentation will discuss the HSVO Project, provide a number of examples and demos and profile the contribution of ORION and CANARIE to this groundbreaking work.</p>
12:00 – 1:30 pm	<p><u>LUNCH</u> SPONSORED BY CIENA</p> <p>Welcome by <u>Rodney G. Wilson</u>, External Research Development, Ciena</p> <p><u>SPECIAL PRESENTATION</u></p> <p>Maxim Jean-Louis, President, Contact North/Contact Nord, Chair, ORANO Board of Directors</p>
1:30 pm Session 4	<p><u>Defining the New Collaboration Experience</u></p> <p>Collaboration is driving the next wave of business growth, innovation and productivity. There are four key trends driving business complexity and making collaboration more critical than ever, including: global value chains, consumerization of IT, information overload and worker mobility. For organizations everywhere, these realities are forcing a shift in the nature of work: how we work, who we work with, when we work, and where we work. Organizations need a new collaboration experience that is human-centric; that connects people, information, and teams; that leverages text and document based solutions, but dramatically transforms the way we collaborate with real-time voice and video interactions.</p> <p><u>Jeff Seifert</u> Chief Technology Officer, Cisco Systems Canada</p>
Session 5	<p><u>Perfect match - Ontario colleges & industry research collaboration</u></p> <p>From aerospace, to environmental technologies, to digital and interactive media, Ontario colleges of applied arts and technology provide a virtual R&D platform for applied research, bringing critical mass and momentum to new and innovative ideas, products, and services. This session explores the phenomenal partnership between colleges, industry and the Ontario Centres of Excellence and take a look at examples and success stories that are making an impact here in Ontario and around the world.</p> <p>FEATURED RESEARCH COLLABORATION - Sheridan's Visualization Design Institute / Research in Motion (RIM) - 3D Game Technology, featured at the Ontario Pavilion at the 2010 Vancouver Olympic Winter Games</p> <p><u>Dr. Jeff Zabudsky</u> President of Sheridan College Institute of Technology and Advanced Learning</p> <p><u>Dr. Darren Lawless</u> Dean and Director, Applied Research, Sheridan College Institute of Technology and Advanced Learning</p> <p><u>Beat Raemy</u> CEO, Spatial View</p> <p><u>John Hoicka</u> Senior Research and Policy Advisor, Colleges Ontario</p> <p><u>Bob Civak</u> Managing Director, Materials & Manufacturing Ontario (MMO), a division of the Ontario Centres of Excellence (OCE)</p>
Session 6	<p><u>Identity and Access Management</u></p> <p>There is significant interest among postsecondary institutions in federated access management to facilitate inter-institution collaboration for research and education, both within Canada and internationally. It allows users to collaborate or access other institutions' resources, such as data sets or distributed computing resources, using their home institution's identity and access privileges. The Canadian Access Federation was created to provide a sustainable national production environment of an access management federation among participating colleges and universities. This session will provide an update on the institutions that are part of the federation and the benefits they are enjoying as a result. It will also include a presentation from an Ontario institution and an overview of their experiences as a member of the federation.</p> <p><u>Lori MacMullen</u> Executive Director, Canadian University Council of CIOs</p> <p><u>Kent Percival</u> Manager, Research Partnerships, Computing & Communications Services, University of Guelph</p>

2:45 pm	Coffee and Networking Break
3:00 pm	<p>PLENARY</p> <p><u>High Performance Computing- who's using it, who should be and should you?</u></p> <p>If Google is a search engine for all that is known – then HPC is a search engine for all that is unknown. From researching the beginning of the world to understanding climate change to safeguarding us from pandemics, High Performance Computing and advanced networks are tools of the trade for Canadian researchers and their international collaborators. Should high performance computing be in your toolbox?</p> <p>Learn what can be done, how it is done and who is doing it. SHARCNET is one of the Compute Canada partners building a national high performance computing platform. Together, they will show the innovation enabled by HPC and will tell you what you need to know to get started and what they can do to help.</p> <p><u>Susan Baldwin</u> Executive Director, Compute/Calcul Canada</p> <p><u>Paul Maxim</u> Associate VP, Research, Wilfrid Laurier University, Chair, Ontario High Performance Computing Council</p> <p><u>Hugh Couchman</u> Scientific Director, SHARCNET</p> <p><u>Susan Brown</u> Associate Professor, Literary Studies and Theatre Studies, University of Guelph</p> <p><u>Dr. Tom Woo</u> Ass. Professor and Canada Research Chair, Assistant Chair, Department of Chemistry, Centre for Catalysis Research and Innovation, University of Ottawa</p>
3:45 pm	<p>CLOSING KEYNOTE</p> <p>“Canada’s Rocket Man”</p> <p><u>Dr. Dave Williams</u></p> <p>NASA Astronaut and Director, McMaster Centre for Medical Robotics</p> <p>A true Canadian hero, Williams is one of the NASA space program's most accomplished astronauts, setting records in spacewalking. The veteran of two space shuttle missions has logged more than 687 hours in space, including three spacewalks, the highest number ever performed in a single mission. Today, he is director for the new McMaster Centre for Medical Robotics, leading a team dedicated to developing innovative technologies to assist the development of local and remote patient care.</p>
4:30 pm	CLOSING / WRAP UP

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