

Monday, June 13, 2005	
8:30 - 9:30 am	<b>Registration Desk Opens</b> <b>Continental Breakfast</b> – Courtyard A-B
9:30 - 10:30 am	<b>Welcome and Opening Speaker</b> - Courtyard A-B  <u>Introduction</u> Phil Baker, President/CEO of ORION  <u>Opening Presentation</u> Ibrahim Gedeon, Chief Technology Officer, TELUS
10:30 - 12:00 pm	<u>SESSION 1 - Courtyard A-B</u> <b>Applications Driving Innovation</b> <i>Cutting-edge research and the deployment of new and innovative technologies over globally expanding "intelligent infrastructures" have the potential to introduce profound changes in the way we will conduct business, undertake research and lead our lives.</i> Chair: Dr. Alan Wildeman, VP Research, University of Guelph and Chair, Ontario Council on University Research - OCUR  - Bill St. Arnaud, Senior Director, Advanced Networks, CANARIE - Dr. David Lau, Prof Civil Engineering, Carleton University - Dr. Vincent Tao, York University, Sensor Grids - Dr. Ron Baecker, NSERC Collaboration Technologies Research Network (NECTAR)
10:30 - 12:00 pm	<u>SESSION 2 - Courtyard C</u> <b>ORION Operational Update</b> <i>ORION gives a comprehensive operational update on the network, including a network overview, status reports and highlights of future plans for the network infrastructure. Colleagues will also report on the status of working groups on collaborative applications and innovative uses of the network, as well as new projects and initiatives.</i>  - Phil Baker, President and CEO of ORION - Sam Mokbel, Senior Director of Engineering and Operations, ORION - Bob Gagne, Executive Director, Information Technology and CIO, York University - Jan Donio, Chief Information Officer, Council of Ontario Universities
12:00 - 1:45 pm	<b>Welcome, Lunch and Keynote</b> - Courtyard A-B  <u>Introduction</u> Phil Baker, President/CEO of ORION  <u>Welcoming remarks</u> Dr. Stan Shapson, Chair of the Board of ORANO, VP Research and Innovation, York University  <u>KEYNOTE ADDRESS</u> Dr. Eliot A. Phillipson, President/CEO, Canada Foundation for Innovation
1:45 - 3:00 pm	<u>SESSION 3 Courtyard A-B</u> <b>Ontario Colleges Plugging into Research</b> <i>Some of the most innovative applied research in Canada is taking place in Ontario colleges, which are expanding their research capabilities. The ability of Ontario colleges to plug into research networks and strike new partnerships with university and industry partners is introducing new and powerful players to Ontario's research and innovation landscape.</i> Chair: Bill Summers, Senior Director, Association of Colleges of Applied Arts and Technology of Ontario (ACAATO)  - Marti Jurmain, Director, Research and Innovation, Niagara College - Avrim Katzman, Director, Visualisation Design Institute, Sheridan College - Gregory J. Weiler, Dean of Applied Research, Innovation and University Partnerships, Fanshawe College
3:00 - 3:15 pm	<b>Networking Break</b>
3:15 - 4:30 pm	<u>SESSION 4 - Courtyard A-B</u> <b>Commercializing Discovery</b> <i>Increasingly, economic growth and innovation will depend on our success in achieving greater commercialization of scientific and technological research. As a result, we are witnessing a growing coordinated effort among governments, the education sector and industry, to align strategies and resources to accelerate commercialization of research activities.</i> Chair: Barbara Muir, Director, <i>Information, Communications and Manufacturing Sectors</i> , Research Partnerships Programs, NSERC  - Mark Romoff - President / CEO Ontario Centres of Excellence Inc. - Dr. Ilse Treurnicht, CEO, MaRS Discovery District - Marcel D. Mongeon, Executive Director, Technology Transfer Office, McMaster University, Flintbox Initiative
5:30 - 7:30 pm	<b>ORION Reception</b>  6:30 pm - <u>Presentation of ORION Awards</u>

## Tuesday, June 14, 2005

8:00 - 8:45 am	<b>Registration Desk Opens</b> <b>Continental Breakfast</b> – Courtyard A-B
8:45 - 10:30 am	<b>Welcome and Opening Speaker and Morning Plenary</b> - Courtyard A-B  <u>Introduction</u> Phil Baker, President/CEO of ORION  <u>Morning Keynote</u> Carl Condon, VP, Technology Development, Bell Canada  <u>PLENARY SESSION</u> Dr. Jonathan M. Borwein, Canada Research Chair, Computer Science Faculty, Dalhousie University
10:30 - 10:45 am	<b>Networking Break</b>
10:45 - 12:00 pm	<u>SESSION 5 - Courtyard A-B</u> <b>Directions in Grid and High Performance Computing</b> <i>Increasingly, grid and distributed computing represents critical infrastructure that can drive innovation in research.</i> Chair: Dr. R. Kerry Rowe, VP Research, Queen's University <ul style="list-style-type: none"> <li>- Dr. Hugh Couchman, Scientific Director, SHARCNET</li> <li>- Prof. Russ Miller, Director Center for Computational Research, University of Buffalo</li> <li>- Dr. Robert Kent, Faculty of Computer Sciences, University of Windsor</li> </ul>
12:00 - 1:30 pm	<b>Lunch and Keynote Addresses – Courtyard A-B</b>  <u>Introduction</u> Phil Baker, President/CEO of ORION  <u>Remarks</u> Andrew Bjerring, President/CEO, CANARIE  <u>Keynote Address</u> Rodney Wilson, Director, Research and Experimental Networks, Nortel Networks
1:30 - 2:45 pm	<u>SESSION 6 - Courtyard A-B</u> <b>In support of Life Sciences</b> <i>The development of interconnected biotechnology clusters and new technologies enabling greater collaborations among public sector research facilities and industry can extend our research capacity and lead to greater opportunities for commercialization of research in the health and life sciences.</i> Chair: David Brener, Director, Research Translation Programs, Canadian Institute for Health Research <ul style="list-style-type: none"> <li>- Dr. Shoshana Wodak, Scientific Dir. Ontario Centre for Genomic Computing / Centre for Computational Biology, Hospital for Sick Children</li> <li>- Dr. Christian Burks, President/CEO, Ontario Genomics Institute</li> <li>- Dr. Gregory Ross, Associate Dean of Research, Northern Ontario School of Medicine</li> </ul>
1:30 - 2:45 pm	<u>SESSION 7 - Courtyard C</u> <b>R&amp;E meets R&amp;D - Connecting Research with Industry</b> <i>Increasingly, postsecondary and other public sector researchers are collaborating with industry innovators and forging new partnerships in multiple disciplines and sectors and creating new opportunities for commercialization of research outcomes, making the leap from research lab to manufacturing.</i> Chair: Dr. Marie D'lorio, Director General, NRC Institute for Microstructural Sciences <ul style="list-style-type: none"> <li>- Dr. Ronald F. Childs, Brockhouse Institute for Materials Research, McMaster University</li> <li>- Dr. Peter Kaiser, Mining Innovation, Rehabilitation and Applied Research Corporation (MIRARCO) Virtual Reality Lab Mining Project</li> <li>- Ron Killeen, Interim Managing Director, Communications and Information Technology Ontario (CITO), Ontario Centres of Excellence Inc.</li> </ul>
2:45 - 3:00 pm	<b>Networking Break</b>
3:00 - 4:15 pm	<u>SESSION 8 - Courtyard A-B</u> <b>Roundtable: 10-Year Outlook - Key Directions in Research</b> <i>Discussion of directions in research over the next 10 years, including trends in new technologies and opportunities to fully leverage our research capacity to drive economic development, academic excellence and scientific discovery.</i> Chair: Tim McTiernan, Assistant Deputy Minister, Research and Commercialisation, Ontario Ministry of Economic Development and Trade <ul style="list-style-type: none"> <li>- Jack Smith, Director, Science and Technology Foresight, Office of the National Science Advisor</li> <li>- Dr. Art McDonald, Director, Sudbury Neutrino Laboratory, Queen's University</li> <li>- Dr. Pekka K. Sinervo, Dean, Arts and Sciences, University of Toronto</li> <li>- Dr. Nils Petersen, Director General, National Institute for Nanotechnology</li> </ul>
4:15 pm	<b>Closing Remarks and Wrap-Up</b>