



# Real Time 2009 Final Presentation Schedule

## Sunday August 30th

15h00	Registration Opens (Salle Alfred Rouleau Foyer)
17h00-20h00	Real Time 2009 Welcome Reception (Salle Alfred Rouleau B&C, 4th Floor)

## Monday August 31st

Time	Presentation	Presenter	Organization	Country
07h30-09h00	Registration (Salle Alfred Rouleau Foyer) & Breakfast (Salle Alfred Rouleau B&C, 4th Floor)			
09h00-09h45	Opening Keynote by Jean Bélanger, CEO & Co-Founder of Opal-RT Technologies			
<b>Power Grids &amp; Distributed Energy</b>				
09h45-10h30	Responding to The Changing Face of The Grid Through Modeling and Simulation	<i>Kerry Grand</i>	<i>The MathWorks</i>	<i>USA</i>
10h30-11h00	BREAK / EXHIBITS (Alfred Rouleau B&C, 4th Floor)			
11h00-11h30	SimPowerSystems for Validating Detailed Real-Time Hydro-Québec Wind Turbine Models	<i>Patrice Brunelle</i>	<i>Hydro-Québec (IREQ)</i>	<i>Canada</i>
11h30-12h00	Real-Time Simulation of the Lanai Power Grid for Integration and Advanced Control of PhotoVoltaic Distributed Generation Devices	<i>Benjamin Schenkman</i>	<i>Sandia National Labs</i>	<i>USA</i>
12h00-12h30	Detailed Wind Farm Simulation with Advanced Wind Modelling using eMEGAsim	<i>Phillippe Venne</i>	<i>Opal-RT Technologies</i>	<i>Canada</i>
12h30-14h00	LUNCH / EXHIBITS (Alfred Rouleau B&C, 4th Floor)			
14h00-14h30	An Overview of Universidad del Pais Vasco's Research in Power Generation and Distributed Generation	<i>Edorta Ibarra</i>	<i>Universidad del Pais Vasco</i>	<i>Spain</i>
14h30-15h00	Latest Achievements in Real-Time Simulation of HVDC Systems and VSC-based FACTS using eMEGAsim	<i>Jean-Nicolas Paquin</i>	<i>Opal-RT Technologies</i>	<i>Canada</i>
15h00-15h30	BREAK / EXHIBITS (Alfred Rouleau B&C, 4th Floor)			

<b>Automotive</b>				
15h30-16h00	A Complete Powertrain HIL Test Bench for EMS and TMS Applications	<i>Asif Habeebullah</i>	<i>Delphi Corporation</i>	<i>USA</i>
16h00-16h30	Systems Release Testing in the Bench Top Simulator Environment	<i>Mark B. McFarland</i>	<i>Delphi Corporation</i>	<i>USA</i>
16h30-17h00	Presentation of B2i-Automotive Projects using OPAL-RT Equipment: AUTOSAR, ORCHESTRA, Electrical Motor Models and Multi-ECU Testing for Automotive Applications	<i>Salim Bouabdallah</i>	<i>B2i Automotive</i>	<i>France</i>
17h00-19h00	COCKTAILS (Alfred Rouleau B&C, 4th Floor)			



# Real Time 2009 Final Presentation Schedule

## Tuesday September 1st

Time	Presentation	Presenter	Organization	Country
07h30-09h00	Registration (Salle Alfred Rouleau Foyer) & Breakfast (Salle Alfred Rouleau B&C, 4th Floor)			
<b>Power Systems, Power Electronics and Education</b>				
9h00-9h30	Design and Real-Time Implementation of Power System Stabilizers	<i>Richard Hurteau</i>	<i>Ecole Polytechnique de Montreal</i>	<i>Canada</i>
09h30-10h00	Online ESS Controller Validation Using HIL	<i>Michael Ross</i>	<i>McGill University</i>	<i>Canada</i>
10h00-10h30	Applying RT-LAB to Educational Projects: New "Wind Farm Control" Lab Workshop	<i>Guillaume Boué</i>	<i>Viveris Technologies</i>	<i>France</i>
10h30-11h00	BREAK / EXHIBITS (Alfred Rouleau B&C, 4th Floor)			
11h00-11h30	Real Time Simulation of an LC output Filter Grid Connected Gas Turbine under Voltage Sag Operation	<i>Frederic Colas</i>	<i>Université de Lille</i>	<i>France</i>
11h30-12h00	JMAG-RT & RT-LAB: Solutions for Model-based Design of Permanent Magnet Synchronous Motors	<i>Hiroyuki Sano</i>	<i>JRI-SOL (Japan Research Institute)</i>	<i>Japan</i>
12h00-12h30	Emulation of a 1500 W Motor for PHIL Simulation using eDRIVESim	<i>Handy Blanchette</i>	<i>Opal-RT Technologies</i>	<i>Canada</i>
12h30-14h00	LUNCH / EXHIBITS (Alfred Rouleau B&C, 4th Floor)			
14h00-14h30	Real-Time Control and Emulation of Multimachine Systems using eMEGAsim	<i>Pierre Sicard</i>	<i>Université du Québec à Trois Rivières</i>	<i>Canada</i>
14h30-15h00	Real Time Simulation of a Power Plant Auxiliary System with eMEGAsim	<i>Wenxiao Ma</i>	<i>ABB</i>	<i>China</i>
15h00-15h30	RT-LAB BERTA: A Real-Time Regulator, Turbine and Alternator Test Bench for Ensuring Generators Under Test Contribute to Whole System Stability	<i>Marc Langevin</i>	<i>Special Consultant to Opal-RT Technologies</i>	<i>Canada</i>
15h30-16h00	BREAK / EXHIBITS (Alfred Rouleau B&C, 4th Floor)			

<b>New RT- LAB Products</b>				
16h00-16h30	Introduction to RT-LAB 10.0 and the New LiveLab Graphical User Interface	<i>Loïc Schoen</i>	<i>Opal-RT Technologies</i>	<i>Canada</i>
16h30-17h00	Opal-RT Real-Time Simulator Hardware, from Global Systems to Various Components	<i>Marc Pastor</i>	<i>Opal-RT Technologies</i>	<i>Canada</i>
19h00	REAL TIME 2009 GALA DINNER - Pavillon Jeanne-Mance (6th floor, Hyatt Regency)			



# Real Time 2009 Final Presentation Schedule

## Wednesday September 2nd

Time	Presentation	Presenter	Organization	Country
07h30-09h00	Registration (Salle Alfred Rouleau Foyer) & Breakfast (Salle Alfred Rouleau B&C, 4th Floor)			
<b>Aerospace</b>				
9h00-9h30	Development of a Portable Engine Simulator for the Aeronautics Industry	Jerome Carretero	CS Canada	Canada
9h30-10h00	Surface Rover Test Vehicle: Video Acquisition and Wireless Real-Time Control	Keith Kukulich on behalf of NASA	NASA	USA
10h00-10h30	RT-LAB for Aerospace - Presentation & Demonstration	Phillippe Beauchamp	Opal-RT Technologies	Canada
10h30-11h00	BREAK / EXHIBITS (Alfred Rouleau B&C, 4th Floor)			

<b>Industrial &amp; Transportation</b>				
11h00-11h30	Active Filter Dynamic Study using an Opal-RT Simulator	Alireza Javadi	École Polytechnique de Montréal	Canada
11h30-12h00	Development of an Intelligent Sheet Metal Stamping System	Ravinder Venugopal	Intellcass	Canada
12h00-12h30	Hardware-in-the-Loop Implementation of Electric Drives for Off-Highway Vehicle Applications	Pierre-François Allaire (on behalf of GE)	General Electric	USA
12h30-14h00	LUNCH / EXHIBITS (Alfred Rouleau B&C, 4th Floor)			
14h00-14h30	Position & Flux Estimator for High Speed Permanent Magnet Synchronous Machine	Lakdar Sadi Haddad	S2M	France
14h30-15h00	Integrated Real-Time Co-Simulation in Aerospace Programs	Yijun Zhou	AEETEK	China
15h00-15h30	24-Cylinder Diesel Engine Controller-in-the-Loop with TestDrive	Pierre-François Allaire (on behalf of GE)	General Electric	USA
15h30-16h00	A Switched Reluctance Drive System	Tao Wang	AEETEK	China

16h00-16h30	Open discussions			
16h30-17h00	Closing Remarks by Jean Bélanger Opal-RT Technologies			
17h00	REAL TIME 2009 CLOSES			