

# INTERNATIONAL MICROWAVE AND OPTOELECTRONICS CONFERENCE TECHNICAL PROGRAM

**Natal, Brazil, Oct. 29 - Nov. 01, 2011**

	Saturday Oct. 29, 2011	Sunday Oct. 30, 2011	Monday Oct. 31, 2011	Tuesday Nov. 01, 2011
08:00- 12:00	Conference and Short-courses Registration	Conference and Short courses Registration	Conference and Short courses Registration	Conference and Short courses Registration
08:00 – 10:00	<p><b>Short-course 1 (BZ)</b> State-of-the-Art in Internet Traffic Performance Enhancement over Wireless Networks</p> <p><b>Short-course 2 (PP)</b> Negative Refractive Index Metamaterials: Fundamentals, Theory and Applications in Engineering</p> <p><b>Short-course 3 (PN)</b> MEMS/solid state based reconfigurable microwave devices and micromachined millimeter-wave circuits</p>	<p style="text-align: center;"><b>IMOC 2011 Opening Session</b> (PN)</p> <p style="text-align: center;"><b>Opening Ceremony</b></p> <p style="text-align: center;"><b>Invited Talk</b> Analysis and Compensation of Phase Variations in Variable Gain Amplifiers for Adaptive Antenna Beamforming Systems Frank Ellinger, Germany</p>	<p>Tech Ses Mo-5 (BZ) <b>Optical Components, Designs and Related Topics</b></p> <p>Tech Ses Mo-6 (PP) <b>Optical Amplifiers</b></p> <p>Tech Ses Mo-7 (PG)) <b>Printed Circuits and Resonators</b></p> <p>Tech Ses Mo-8 (PN) <b>Propagation</b></p>	<p>Tech Ses Tu-13 (BZ) <b>Optical Sensors</b></p> <p>Tech Ses Tu-14 (PP) <b>Printed Antennas</b></p> <p>Tech Ses Tu-15 (PG) <b>Numerical Analysis and Methods in Photonics</b></p> <p>Tech Ses Tu-16 (PN) <b>FSS Arrays and Printed Antennas</b></p>
10:00 – 10:20	Coffee Break	Coffee Break	Coffee Break	Coffee Break
10:20 – 12:20	<p><b>Short-course 1 (Cont.)</b> <b>Short-course 2 (Cont.)</b> <b>Short-course 3 (Cont.)</b></p>	<p style="text-align: center;"><b>Plenary Session 1</b> (PN) <b>A Vision for the Future of Technology: the IEEE Technology Time Machine</b> José Roberto Boisson de Marca PUC/RJ, Brazil</p>	<p style="text-align: center;"><b>Plenary Session 2</b> (PN) <b>Scanning Microwave Microscopy: New Electronic Eyes for the Nanoscale World</b> Roger Stancliff Agilent, USA</p>	<p style="text-align: center;"><b>Plenary Session 3</b> (PN) <b>Opportunities and Developments in Utilization of White Spaces of Radio Spectrum</b> Riku Pirhonen Aalto University, Finland</p>
12:20 – 14:00	Lunch	Lunch	Lunch	Lunch
14:00 – 16:00	<p><b>Short-course 4 (BZ)</b> Software Defined Radio: basic concepts and implementation</p> <p><b>Short-course 5 (PP)</b> High Performance Computing in Computational Electromagnetism</p> <p><b>Short-course 6 (BZ)</b> High Frequency Devices and Circuits –Integrating 3D Full Wave Solvers with Circuit Simulators</p>	<p>Tech Ses Su-1 (BZ) <b>RFID Antennas</b></p> <p>Tech Ses Su-2 (PP) <b>Optical Systems, Networks and Related Topics I</b></p> <p>Tech Ses Su-3 (PG) <b>Propagation and Related Topics I</b></p> <p>Tech Ses Su-4 (PN) <b>Microstrip Filters</b></p>	<p>Tech Ses Mo-9 (BZ) <b>Active Circuits</b></p> <p>Tech Ses Mo-10 (PP) <b>Optical Systems, Networks and Related Topics II</b></p> <p>Tech Ses Mo-11 (PG) <b>Propagation and Related Topics II</b></p> <p>Tech Ses Mo-12 (PN) <b>Antennas</b></p>	<p>Tech Ses Tu-17 (BZ) <b>Optical Systems, Networks and Related Topics III</b></p> <p>Tech Ses Tu-18 (PP) <b>Numerical Methods</b></p> <p>Tech Ses Tu-19 (PG) <b>Microwave Measurements and Applications</b></p> <p>Tech Ses Tu-20 (PN) <b>Adaptive and Reconfigurable Antennas</b></p>
16:00 – 16:20	Coffee Break	Coffee Break	Coffee Break	Coffee Break
16:20 – 18:00	<p>Short-course 4 (Cont.) Short-course 5 (Cont.) Short-course 6 (Cont.)</p>	<p style="text-align: center;"><b>Poster Session 1</b> PS-1 (GE)</p>	<p style="text-align: center;"><b>Poster Session 2</b> PS-2 (GE)</p>	<p style="text-align: center;"><b>Poster Session 3</b> PS-3 (GE)</p>
18:00 – 19:00	---	<b>SBMO Meeting</b>	<p>Special Session (BZ) <b>Tribute to Professor Attilio José Giarola</b></p>	<b>Closing Session</b>
19:00 – 20:00	<b>Social Reception</b>		---	
20:00 – 24:00			<b>Social Meeting</b>	