



## PRELIMINARY PROGRAM

### SUNDAY NOVEMBER 1

	Room 201	Room 202	Room 203	Room 204	Room 206	Room 207	Room 208
0800-1730	REGISTRATION						
0800-0830	INSTRUCTORS' BREAKFAST <i>Room 207</i>						
0830-0930					TUTORIAL 1: Next generation telecom fibers - new opportunities for optical fiber sensing, Marco Petrovich		
0940-1040					TUTORIAL 2: Thermal ablation of tumors: an emerging application for sensors, Daniele Tosi		
1040-1100	MORNING BREAK						
1100-1200					TUTORIAL 3: Optical fiber sensing technologies based on sensitive thin films and coatings, Minghong Yang		
1210-1310					TUTORIAL 4: Hyperspectral Imaging: fundamentals and case studies, Silvia Serranti & Giuseppe Bonifazi		
1310-1410	LUNCH <i>Room 202</i>						
1410-1510					TUTORIAL 5: Sensing in extreme environments, Alton Horsfall		
1520-1620					TUTORIAL 6: Screen printed sensors, John K. Atkinson		
1630-1730					TUTORIAL 7: Air-microfluidics: an introduction to theory and applications, Igor Paprotny		
Evening	WELCOME RECEPTION <i>Paradise Hotel</i> 1800-2000						



## PRELIMINARY PROGRAM

### MONDAY NOVEMBER 2

	Room 201	Room 202	Room 203	Room 204	Room 206	Room 207	Room 208
0800-1800	REGISTRATION						
0800-0830	SPEAKERS' BREAKFAST <i>Room 211-212</i>						
0830-0900	Opening Session <i>Grand Ballroom</i>						
0900-1000	A1L-A: PLENARY: Uwe Hanebeck <i>Grand Ballroom</i>						
1000-1030	MORNING BREAK						
1030-1200	A2L-A: Chemical and fuel-cell Applications <i>Track: Applications</i>	A2L-B: SPECIAL SESSION: Structural Sensing <i>Track: SPECIAL SESSIONS</i>	A2L-C: Optical Sensing Applications I <i>Track: Applications</i>	A2L-D: Optical Chemical Sensor Systems <i>Track: Chemical and Gas Sensors</i>	A2L-E: Immunosensors <i>Track: Biosensors</i>	A2L-F: Physical Sensor System <i>Track: Sensor/Actuator Systems</i>	A2L-G: Student Award Competition Presentations
1200-1300	LUNCH <i>Grand Ballroom</i>						
1300-1430	Poster Session: A3P-G - A3P-Q <i>Rooms 101-110</i>						
1430-1600	A4L-A: Printed and Flexible Chemical Sensors <i>Track: Chemical and Gas Sensors</i>	A4L-B: Accelerometers <i>Track: Mechanical, Magnetic, and Physical Sensors</i>	A4L-C: Motion and Location Tracking <i>Track: Applications</i>	A4L-D: Optical Sensor Systems <i>Track: Optical Sensors</i>	A4L-E: Physical Biosensors <i>Track: Biosensors</i>	A4L-F: Inertial Sensor System <i>Track: Sensor/Actuator Systems</i>	
1600-1630	AFTERNOON BREAK						
1630-1800	A5L-A: Metal Oxide Gas Sensors <i>Track: Chemical and Gas Sensors</i>	A5L-B: Gyroscope & Resonators <i>Track: Mechanical, Magnetic, and Physical Sensors</i>	A5L-C: Fluidic Systems <i>Track: Applications</i>	A5L-D: Fiber Optic Sensors <i>Track: Optical Sensors</i>	A5L-E: Cell-based Biosensors <i>Track: Biosensors</i>	A5L-F: Multi-sensor and Sensor-network Systems <i>Track: Applications</i>	
Evening	YOUNG PROFESSIONALS RECEPTION <i>1800-1900</i>						



## PRELIMINARY PROGRAM

TUESDAY NOVEMBER 3

	Room 201	Room 202	Room 203	Room 204	Room 206	Room 207	Room 208
0800-1800	REGISTRATION						
0800-0830	SPEAKERS' BREAKFAST <i>Room 211-212</i>						
0830-0930	B1L-A: PLENARY: TBA <i>Grand Ballroom</i>						
0930-1000	MORNING BREAK						
1000-1130	B2L-A: Advanced Materials or Architectures for Chemical Sensing  <i>Track: Chemical and Gas Sensors</i>	B2L-B: Ultrasonic, Acoustic, Magnetic Sensors  <i>Track: Mechanical, Magnetic, and Physical Sensors</i>	B2L-C: Force and Pressure Based Sensing Applications  <i>Track: Applications</i>	B2L-D: Optical Sensing  <i>Track: Optical Sensors</i>	B2L-E: Electrochemical Biosensors  <i>Track: Biosensors</i>	B2L-F: Sensors Readout/Interface/Circuits I  <i>Track: Other Sensor Topics - Materials, Processes, Circuits, Signals &amp; Interfaces, etc.</i>	
1130-1230	AWARDS LUNCH <i>Grand Ballroom</i>						
1230-1400	Poster Session: B3P-G - B3P-Q <i>Rooms 101-110</i>						
1400-1530	B4L-A: Electrochemical Sensors  <i>Track: Chemical and Gas Sensors</i>	B4L-B: Pressure & Strain Sensors  <i>Track: Mechanical, Magnetic, and Physical Sensors</i>	B4L-C: Acoustic Structures  <i>Track: Phenomena, Modeling and Evaluation</i>	B4L-D: Optical Biosensors  <i>Track: Biosensors</i>	B4L-E: Chemical & Bio Sensor System  <i>Track: Sensor/Actuator Systems</i>	B4L-F: Sensors Readout/Interface/Circuits II  <i>Track: Other Sensor Topics - Materials, Processes, Circuits, Signals &amp; Interfaces, etc.</i>	B4L-G: Professional Development Program I  <i>Track: Professional Development</i>
1530-1600	AFTERNOON BREAK						
1600-1730	B5L-A: Acoustic Wave Chemicals Sensors  <i>Track: Chemical and Gas Sensors</i>	B5L-B: Physical Sensors I  <i>Track: Mechanical, Magnetic, and Physical Sensors</i>	B5L-C: Methods/Characterization/Systems  <i>Track: Other Sensor Topics - Materials, Processes, Circuits, Signals &amp; Interfaces, etc.</i>	B5L-D: Imaging Sensors  <i>Track: Optical Sensors</i>	B5L-E: Applications in Agriculture and the Environment  <i>Track: Applications</i>	B5L-F: Electronics  <i>Track: Applications</i>	B5L-G: Professional Development Program II  <i>Track: Professional Development</i>
Evening	CONFERENCE BANQUET <i>BEXCO Grand Ballroom</i> Featuring Korean Entertainment 1830-2200						



## PRELIMINARY PROGRAM

WEDNESDAY NOVEMBER 4

	Room 201	Room 202	Room 203	Room 204	Room 206	Room 207	Room 208
0800-1730	REGISTRATION						
0800-0830	SPEAKERS' BREAKFAST <i>Room 211-212</i>						
0830-0930	C1L-A: PLENARY: Suntae Jung <i>Grand Ballroom</i>						
0930-1000	MORNING BREAK						
1000-1130	C2L-A: SPECIAL SESSION: 3D Printed Sensors & Actuators  <i>Track: SPECIAL SESSIONS</i>	C2L-B: Environmental Sensors  <i>Track: Mechanical, Magnetic, and Physical Sensors</i>	C2L-C: Modeling and Simulation of Novel Devices  <i>Track: Phenomena, Modeling and Evaluation</i>	C2L-D: Photodiodes & Photodetectors Based Sensors II  <i>Track: Optical Sensors</i>	C2L-E: Application and Energy Management  <i>Track: Sensor Networks</i>	C2L-F: Devices/Systems I  <i>Track: Other Sensor Topics - Materials, Processes, Circuits, Signals &amp; Interfaces, etc.</i>	C2L-G: Industry Track I  <i>Track: Industry</i>
1130-1230	LUNCH <i>Grand Ballroom</i> <i>Panel discussion on wearable technologies – engagement with local experts)</i>						
1230-1400	Poster Session: C3P-G - C3P-P <i>Rooms 101-110</i>						
1400-1530	C4L-A: Fabrication/Technology I  <i>Track: Other Sensor Topics - Materials, Processes, Circuits, Signals &amp; Interfaces, etc.</i>	C4L-B: Tactile Sensors & Smart Skin  <i>Track: Mechanical, Magnetic, and Physical Sensors</i>	C4L-C: Theory and New Approach  <i>Track: Sensor Networks</i>	C4L-D: Photodiodes & Photodetectors Based Sensors I  <i>Track: Optical Sensors</i>	C4L-E: Energy & Power Systems  <i>Track: Other Sensor Topics - Materials, Processes, Circuits, Signals &amp; Interfaces, etc.</i>	C4L-F: Devices/Systems II  <i>Track: Other Sensor Topics - Materials, Processes, Circuits, Signals &amp; Interfaces, etc.</i>	C4L-G: Industry Track II  <i>Track: Industry</i>
1530-1600	AFTERNOON BREAK						
1600-1730	C5L-A: Biological & Chemical Sensors  <i>Track: Chemical and Gas Sensors</i>	C5L-B: Physical Sensors II  <i>Track: Mechanical, Magnetic, and Physical Sensors</i>	Late News	C5L-D: Human Activity Monitoring  <i>Track: Applications</i>	Late News	C5L-F: Sensor Packaging  <i>Track: Other Sensor Topics - Materials, Processes, Circuits, Signals &amp; Interfaces, etc.</i>	C5L-G: Standards Panel  <i>Track: Industry</i>