

IEEE NANO 2016 Technical Program Monday August 22, 2016

Room 4	Room 5
<p>09:30-12:00 Tutorial 1: Hands-On Tutorial: Multiscale atomistic simulations with Atomistix Toolkit and Virtual NanoLab Organizer: Shinji Usui (QuantumWise Japan KK, Japan)</p>	<p>10:00-12:00 Tutorial 2: Fundamentals of Energy Informatics through Computational Sciences Organizer: Prof. Itaru Honma, (Tohoku University, Japan)</p>
<p>13:30-16:30 Tutorial 3: The Brain and the Computer Revisited Once Again Organizer: Prof. Valeriu Beiu (UAEU, College of IT, Al Ain, UAE)</p>	<p>13:30-16:30 Tutorial 4: Nano Manipulation and Fabrication for Green Applications Organizer: Prof. Zhan Yang (Soochow University, China)</p>
<p>17:00-19:00 Welcome Party</p>	

IEEE NANO 2016 Technical Program Tuesday August 23, 2016

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8
08:45-09:00 Room 1 Opening Remark							
09:00-09:45 Room 1 Plenary Talk Tu1: Thomas M. Conte							
09:45-10:30 Room 1 Plenary Talk Tu2: Mau-Chung Frank Chang							
10:30-10:45 Break							
10:45-11:45 Nano-materials 1		10:45-11:45 Nano-sensors, Nano-actuators 1	10:45-11:45 Nano-robotics, Nano-manipulation	10:45-11:45 Nano-optics, Nano-optoelectronics, Nano-photonics 1	10:45-11:45 Nano-biology and Nano-medicine 1	10:45-11:45 Nano-energy 1	
12:00-12:40 Luncheon Seminar 1 (Central Glass)							
13:00-14:00 Exhibition room Poster Session 1							
14:00-14:05 Break							
14:05-14:35 Keynote Talk Tu1-1: Hiroshi Iwai	14:05-14:35 Keynote Talk Tu2-1: Geoffrey W. Burr	14:05-14:35 Keynote Talk Tu3-1: Eberhard Manske					
14:35-15:05 Keynote Talk Tu1-2: Shizuo Tokito	14:35-15:05 Keynote Talk Tu2-2: Erik DeBenedictis	14:35-15:05 Keynote Talk Tu3-2: Taiichi Otsuji					
15:05-15:15 Break							
15:15-16:45 Nano-materials 2	15:15-16:45 Special Session: Neuromorphic Cognitive Systems with Nanotechnology 1	15:15-16:15 Nano-sensors, Nano-actuators 2	15:15-16:45 Carbon Materials 1	15:15-16:45 Nano-optics, Nano-optoelectronics, Nano-photonics 2	15:15-16:15 Nano-biology and Nano-medicine 2	15:15-16:45 Nano-energy 2	15:15-16:45 Nano-packaging
16:45-17:00 Break							
17:00-17:45 Nano-materials 3	17:00-18:00 Special Session: Neuromorphic Cognitive Systems with Nanotechnology 2	17:00-18:00 Special Session of Nanotechnology and Industrial Applications		17:00-18:00 Nano-optics, Nano-optoelectronics, Nano-photonics 3		17:00-17:45 Nano-energy 3	

IEEE NANO 2016 Technical Program Wednesday August 24, 2016

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8
09:00-09:45 Room 1 Plenary Talk We1: Yuko Harayama							
09:45-10:30 Room 1 Plenary Talk We2: Heike Riel							
10:30-10:45 Break							
10:45-12:00 Nano-materials 4	10:45-11:45 Special Session: Challenge for Production Technology of NANO (Scale) Device 1	10:45-12:00 NEMS/MEMS 1	10:45-12:00 Carbon Materials 2	10:45-11:45 Nano-optics, Nano-optoelectronics, Nano-photonics 4	10:45-12:00 Nano-fabrication 1	10:45-11:45 Nano-energy 4	10:45-12:00 Nano-circuits, Nano-architectures
12:20-12:50 Special Lecture: IEEE TNANO							
13:00-14:00 Exhibition room Poster Session 2							
14:00-14:05 Break							
14:05-14:35 Keynote Talk We1-1: Yasuhiko Arakawa	14:05-14:35 Keynote Talk We2-1: Shiro Hara	14:05-14:35 Keynote Talk We3-1: Laurent Montes					
14:35-15:05 Keynote Talk We1-2: Naoki Asao	14:35-15:05 Keynote Talk We2-2: Junsaku Nitta						
15:05-15:15 Break							
15:15-16:45 Nano-materials 5	15:15-16:45 Special Session: Challenge for Production Technology of NANO (Scale) Device 2	15:15-17:15 NEMS/MEMS 2	15:15-16:45 Carbon Materials 3	15:15-17:45 Nano-electronics (inorganic) 1	15:15-17:00 Nano-fabrication 2	15:15-16:45 Nano-energy 5	15:15-16:45 Nano-electronics (organic)
19:00-21:00 Hotel Metropolitan Sendai Banquet Award Ceremony of IEEE NTC							

IEEE NANO 2016 Technical Program Thursday August 25, 2016

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8
09:00-09:45 Room 1 Plenary Talk Th1: Prof. Hideo Ohno							
09:45-10:30 Room 1 Plenary Talk Th2: Jesper Glückstad							
10:30-10:45 Break							
10:45-11:45 Nano-materials 6		10:45-11:45 Special Session: Challenges of NEMS/MEMS 1	10:45-11:45 Multiscale Modelling 1	10:45-11:45 Nano-electronics (inorganic) 2			
12:00-12:40 Luncheon Seminar 2 (Tokyo Electron)							
13:00-13:30 Room 1 Award Session: Shawn-Yu Lin							
13:30-13:45 Room 1 Award Session: Tak Sing Wong							
13:45-14:00 Room 1 Award Session: Jin-Woo Han							
14:00-14:05 Break							
14:05-14:35 Keynote Talk Th1-1: Chang-Ki Baek	14:05-14:35 Keynote Talk Th2-1: Shizuo Tokito	14:05-14:35 Keynote Talk Th3-1: Dragica Vasileska					
	14:35-15:05 Keynote Talk Th2-2: Kazusuke Maenaka	14:35-15:05 Keynote Talk Th3-2: Tetsuo Mohri					
15:05-15:15 Break							
15:15-16:45 Nano-materials 7	15:15-17:00 Special Session: COI TOHOKU Symposium on Unobtrusive Sensing and Daily Health Screening (Organized by Center of Innovation, Tohoku University)	15:15-16:45 Special Session: Challenges of NEMS/MEMS 2	15:15-16:30 Multiscale Modelling 2	15:15-16:45 Nano-electronics (inorganic) 3	15:15-16:30 Nano-metrology	15:15-16:30 Nano-magnetics, Spintronics	
17:00-17:15 Room 2 Award Ceremony of IEEE NANO 2016							
17:30-18:30 Farewell Party							