

IEEE ICMA 2011 Technical Program, Sunday, August 7, 2011

Room	1	2	3	4	5	6	7
Time	Room 1	Room 4	Room 7	Room 11	Room 12	Room 13	Room 14
14:00 - 18:30	Registration Desk Open Location: the Pre-Function Area of Beijing Empark Grand Hotel						
17:30 - 18:30	Conference Reception Location: International Conference Room, Beijing Empark Grand Hotel						

IEEE ICMA 2011 Technical Program, Monday, August 8, 2011

8:30 - 9:00	Opening Ceremony Location: Banquet Hall, Beijing Empark Grand Hotel						
9:00 - 10:00	Plenary Talk #1	Full Research for Sustainable Industry (Tentative) Dr. Hiroyuki Yoshikawa, Center for Research and Development Strategy (CDRS) JST, Japan Location: Banquet Hall, Beijing Empark Grand Hotel					
<i>Morning Break</i>							
10:15 - 12:03	MA1-1 IMS for Innovation	MA1-2 Medical & Rehabilitation System	MA1-3 Biomedical Mechatronics I	MA1-4 Intelligent Control I	MA1-5 Robot Control I	MA1-6 Dynamics & Cooperative Control for Robots	MA1-7 Image Processing I
<i>Lunch Break</i>							
13:30 - 15:18	MP1-1 Kinematics of Manipulators	MP1-2 Mobile & Walking Robots	MP1-3 Biomedical Mechatronics II	MP1-4 Intelligent Control II	MP1-5 Robot Control II	MP1-6 Mechatronic Control Systems	MP1-7 Image Processing II
<i>Afternoon Break</i>							
15:40 - 17:28	MP2-1 Mechatronic Device I	MP2-2 Nano Mechatronics	MP2-3 Biomedical Control System	MP2-4 Control Theory I	MP2-5 Robotic Vision	MP2-6 Sensing Calibration	MP2-7 Image Processing III

IEEE ICMA 2011 Technical Program, Tuesday, August 9, 2011

Room	1	2	3	4	5	6	7
Time	Room 1	Room 4	Room 7	Room 11	Room 12	Room 13	Room 14
8:00 - 9:00	Plenary Talk #2		Robotics: From Manufacturing to Intelligent Machines Prof. Tzyh Jong Tarn, Washington University, U.S.A Location: International Conference Room, Beijing Empark Grand Hotel				
9:00 - 10:00	Plenary Talk #3		CSEM: Vertical integration of R&D in Micro and Nanosystems for optimal application in industrial applications Dr. George Kotrotsios, Business Development CSEM SA, Swiss Center for Electronics and Microtechnology, Switzerland Location: International Conference Room, Beijing Empark Grand Hotel				
<i>Morning Break</i>							
10:15 - 12:03	TA1-1 Mechatronic Device II	TA1-2 Novel Actuator System I	TA1-3 Robots for New Fields I	TA1-4 Control Theory II	TA1-5 SLAM	TA1-6 Sensor Networks	TA1-7 Signal Processing I
<i>Lunch Break</i>							
13:00 - 14:30	TP1-P Poster Session Location: International Conference Room, Beijing Empark Grand Hotel						
<i>Afternoon Break</i>							
14:45 - 16:33	TP2-1 Human Assistive Technologies and Industrial Applications I	TP2-2 Novel Actuator System II	TP2-3 Robots for New Fields II	TP2-4 Control Application I	TP2-5 Robot Navigation I	TP2-6 Sensor Design I	TP2-7 Signal Processing II
16:50 - 18:00	IEEE ICMA 2011 Special Forum Location: International Conference Room, Beijing Empark Grand Hotel						
18:30 - 21:00	Award Banquet Location: Banquet Hall, Beijing Empark Grand Hotel						

IEEE ICMA 2011 Technical Program, Wednesday, August 10, 2011

Room	1	2	3	4	5	6	7
Time	Room 1	Room 4	Room 7	Room 11	Room 12	Room 13	Room 14
8:00 - 9:48	WA1-1 Human Associative Technologies and Industrial Applications II	WA1-2 Mechatronic Systems	WA1-3 Analysis & Design of Robotic Systems	WA1-4 Control Application II	WA1-5 Robot Navigation II	WA1-6 Sensor Design II	WA1-7 Signal Processing III
<i>Morning Break</i>							
10:15 - 12:03	WA2-1 Manufacturing Technology	WA2-2 Mechanism Analysis I	WA2-3 Robot Applications	WA2-4 Control Application III	WA2-5 Robot Navigation with Ranging	WA2-6 Industrial Sensing	WA2-7 Numerical Analysis
<i>Lunch Break</i>							
13:30 - 15:18	WP1-1 Humanoid & Biped Robot	WP1-2 Mechanism Analysis II	WP1-3 Measurement Technology	WP1-4 Control Application IV	WP1-5 Teleoperation	WP1-6 Industrial Control	WP1-7 PID Control
<i>Afternoon Break</i>							
15:40 - 17:28	WP2-1 Human System Interaction & Interface	WP2-2 Modeling & Analysis	WP2-3 Pattern Recognition	WP2-4 Vibration Control & Analysis	WP2-5 Predictive & Learning Control	WP2-6 Fault Diagnosis	WP2-7 Control of Nonsmooth Systems
17:30 - 18:30	Farewell Party Location: International Conference Room, Beijing Empark Grand Hotel						