Agenda of Automation 2011

Day 1:November 18, 2011 (Friday)				
09:00-17:00	Conference Registration			
10:20-10:30	Welcome and Opening Ceremony〔Room EM 111〕			
10:30-11:10	**Keynote Speech I**〔Room EM 111〕 *Prof. Eberhard Manske (Germany)* **Topic:Multi-Sensor Approach for Multivalent Applications in Nanometrology**			
11:10-11:20	Coffee Break			
11:20-12:00	**Keynote Speech II**〔Room EM 111〕 *Prof. Ren C. Luo(R.O.C)* **Topic:Intelligent Robotics and Automation: The State of the Art Development, Challenges and Perspectives**			
12:00-13:10	Lunch Break			
13:10-14:40	**Technical Session A**			

	A1	A2	A3	A4	A5
	[EM 304]	[EM 101]	[EM 102]	[EM 104]	[EM 204]
	Fluid Power Automation and Control	Computer Vision	Mechatronics	Embedded Intelligence	Best Student Paper Award Contest

14:40-15:20	**Keynote Speech III**〔Room EM 111〕 *Prof. Predrag Cosic (Croatia)* **Topic:Estimation of Production Times As Part of Decision Support**
15:20-15:40	Coffee Break

15:40-17:10	**Technical Session B**				
	B1	B2	B3	B4	B5
	[EM 304]	[EM 101]	[EM 102]	[EM 104]	[EM 204]
	Application of Actuator and Sensor in Intelligent Technology	Intelligent Multi-axis Virtual Machine Tool	Rapid Job Definition and Autonomous Execution Systems for Next Generation Service Robots	Robotics (I)	Design and Implementation of a Humanoid Robot

17:40-19:30	**Banquet**

Day 2:November 19, 2011 (Saturday)				
08:00-17:00	Conference Registration			
09:30-11:00	**Technical Session C**			
	C1	**C2**	**C3**	**C4**	**C5**

Day 2:November 19, 2011 (Saturday)					
08:00-17:00	Conference Registration				
09:30-11:00	**Technical Session C**				
	C1	**C2**	**C3**	**C4**	**C5**
	[EM 304]	[EM 101]	[EM 102]	[EM 104]	[EM 204]
	Robotics (II)	Automation Application Technology for High-Tech Industry	Automatic Measurement and Control Technology (I)	System Control & It's Applications	Robotic Vision & It's Applications
11:00-11:20	Coffee Break				
11:20-12:00	**Keynote Speech IV**〔Room EM 111〕				
	Prof. Kazuo Tanaka(Japan) **Topic:A Unified Fuzzy Model-Based Framework for Nonlinear Control of Mechanical Systems: From Backing-up of Truck-Trailers to Tracking Control of Flying Vehicles**				
12:00-13:20	Lunch Break				
13:20-14:50	**Technical Session D**				
	D1	**D2**	**D3**	**D4**	**D5**
	[EM 304]	[EM 101]	[EM 102]	[EM 104]	[EM 204]
	The Development of Quadrotor Aerial Robot	Industrial Information Technology	Automatic Measurement and Control Technology (II)	Analysis and Design of Mechatronics Systems	e-Manufacturing, e-Diagnostics, and e-Factory
14:50-15:10	Coffee Break				
15:10-16:40	**Technical Session E**				
	E1	**E2**	**E3**	**E4**	
	[EM 304]	[EM 101]	[EM 102]	[EM 104]	
	Intelligent System and Technology	Automated Optical Inspection	Automatic Measurement and Control Technology (III)	Network Cloud Devices and Network Security	

Day 3：November 20, 2011 (Sunday)	
8:00	TOUR (Sun Moon Lake)

TOUR

Sun Moon Lake One Day Tour (Reservation Required)

_____

- **Tour Date: Sunday, November 20, 2011**
- **Time：08:00 AM – 17:00PM**
- **Pick-up Location : National Yunlin University of Science and Technology**
- **Cost:**

NTD 1,200／Person	USD 40／Person

- **Bus transportation, Lunch, Cruise tickets and Travel insurance are included**
- **Bus Stops: Sun Moon Lake Tour with cruise / Tehua Village / Puli Town / Wen Wu Temple**
- **To join the One-Day Sun Moon Lake Tour, please email to auto2011@yuntech.edu.tw for reservation and more information.**