

**2007 IEEE / ASME International Conference on Advanced Intelligent Mechatronics
September 4 - 7, ETH Zurich**

Technical Sessions, September 5, 2007

Time	Place				
	Audi Max	CHN E42	CHN E 46	CHN F42	CHN F46
09.00 - 09.10	Welcome				
09.10 - 09.50	Plenary Talk				
10.00 - 11.00		Modular Robots	SMA Actuators	Diagnosis & Failure Management	Manipulators
	Session Chair	Abbott Jake	Gorbert Robert	Ferreira Antoine	Kino Hitoshi
11.00 - 11.20	Coffee Break				
11.20 - 12.20		Machine Vision I	Human-Machine Interaction I	Sensing I	Flexible Manipulators I
	Session Chair	Chiu George	Zecca Massimiliano	Luo Ren C.	Tarn T.J.
12.20 - 13.40	Lunch Break (No Conference Lunch will be provided)				
13.40 - 15.00		Machine Vision II	Design and Prototyping	Teleoperation	Dual Arm / Cooperative
	Session Chair	Bascetta Luca	Holmes Jonathan	Yussof Hanafiah	Artemiadis Panagiotis
15.00 - 15.20	Coffee Break				
15.20 - 16.40		Electromagnetic Devices I	Actuators	Rehabilitation Robotics	Parallel Manipulators I
	Session Chair	Yao Bin	Kanda Takefumi	Meng Max	Alici Gursel
16.50 - 18.10		Electromagnetic Devices II	Haptic Interaction	Sensing II	Parallel Manipulators II
	Session Chair	Schweitzer Gerhard	I-Ming Chen	Hideki Hashimoto	Taghirad Hamid
18.15	Welcome Reception in Hall of CHN Building				

Technical Sessions, September 6, 2007

Time	Place				
	Audi Max	CHN E42	CHN E 46	CHN F42	CHN F46
08.30 - 09.10	Plenary Talk				
09.20 - 10.40		Microactuators	Nonlinear and Adaptive Control I	Transportation Systems I	Robot Locomotion I
	Session Chair	Kurosawa Minoru	Tomizuka Masayoshi	Amano Yoshiharu	Fukuda Toshio
10.40 - 11.00	Coffee Break				
11.00 - 12.20		Micro/Nano Devices	Nonlinear and Adaptive Control II	Transportation Systems II	Robot Locomotion II
	Session Chair	Ning Xi	van Amerongen Job	Fujimoto Hiroshi	Ang Jr Marcelo
12.20 - 13.40	Lunch Break (No Conference Lunch will be provided)				
13.40 - 15.00		Micro/Nano Manipulation	Nonlinear and Adaptive Control III	Transportation Systems III	Robot Locomotion III
	Session Chair	Martel Sylvain	Ahmadabadi Majid	Kawaji Shigeyasu	Bernelli Zazzera
15.00 - 15.20	Coffee Break				
15.20 - 16.40		Microassembly / Fabrication	Nonlinear and Adaptive Control IV	Navigation and Planning I	Robust/Optimal Control I
	Session Chair	Sitti Metin	Steven Liu	Romano Marcello	Gaurin Clauco
16.50 - 18.10		Sensor Networks / Fusion	Piezoelectric Devices	Navigation and Planning II	Robust/Optimal Control II
	Session Chair	Moheimani Reza	Lee Kok-Meng	Rocco Paolo	Goodall Roger
19.00	Conference Banquet (Start from Zurich Main Station)				

Technical Sessions, September 7, 2007

Time	Place				
	Audi Max	CHN E42	CHN E 46	CHN F42	CHN F46
08.30 - 09.10	Plenary Talk				
09.20 - 10.40		Medical Devices and Systems	Robotic Hands / Finger	Multi-Robot Systems	Mobile Robot Localization I
	Session Chair	Gauthier Michael	Sugano Shigeki	Appelqvist Pekka	Milella Annalisa
10.40 - 11.00	Coffee Break				
11.00 - 12.20		Flexible Manipulators II	Redundant Manipulators	Helicopters	Mobile Robot Localization II
	Session Chair	Iwasaki Makoto	Siciliano Bruno	Bouabdallah Samir	Petrovic Ivan
12.20 - 13.40	Lunch Break (No Conference Lunch will be provided)				
13.40 - 15.00		Precision Mechatronics	Human-Machine Interaction	Control Technology	Mobile Robot Localization III
	Session Chair	Moser Roland	De Santis Agostino	Frontoni Emanuele	Triebel Rudolph
15.00 - 15.20	Coffee Break				
15.20 - 16.40		Bipedal Robots	Industrial Robotics	Human Supervisory Control	Manipulators II
	Session Chair	Bowling Alan	Hovland Geir	Vasquez Dizan	Buffinton Keith
16.50 - 18.30	Goodbye Party in Hall of CHN Building				