

NETWORK ROBOT SYSTEM: Toward intelligent robotic systems integrated with environments

Tuesday, October 10, 2006 Beijing, China

9:30- 9:40	Welcome
9:40- 11:20	<p>Approaches of Network Robot in the world (chair: Norihiro Hagita)</p> <p>Introduction to Network Robot Systems - Research Trends and Perspectives - <i>Norihiro Hagita (ATR)</i></p> <hr/> <p>CSTP Coordination Program of Science and Technology Projects - Common Platform Technology for Next Generation Robots - <i>Kazuo Tanie (Tokyo Metropolitan Univ. & Coordination Program of Science and Technology Projects Council for Science and Technology Policy) Nobuto Matsuhira (Toshiba Corporation & Coordination Program of Science and Technology Projects Council for Science and Technology Policy)</i></p> <hr/> <p>Ubiquitous Networking Robotics in Urban Settings <i>Alberto Sanfeliu and Juan Andrade-Cetto (Technical University of Catalonia, Spain)</i></p> <hr/> <p>Human-Robot Interaction in Network Robot Systems <i>Takayuki Kanda, Hiroshi Ishiguro, and Norihiro Hagita (ATR)</i></p> <hr/> <p>Familiar Styles of Robotic Interactions Using Home Appliances <i>Miwako Doi, Daisuke Yamamoto (Toshiba Corporation), Hirotada Ueda (Kyoto University), Masatsugu Kido (Nara Institute of Science and Technology)</i></p>
11:20-12:20	<p>Round Table: Toward Ubiquitous, Cooperative, Interactive Robots for Human Robot Symbiosis (chair: Alberto Sanfeliu)</p> <p><i>Norihiro Hagita (ATR), Alberto Sanfeliu (Technical University of Catalonia), Tomomasa Sato (The University of Tokyo), Hiroshi Ishiguro (Osaka University), Alessandro Saffiotti (Orebro University), Miwako Doi (Toshiba Corporation), Ken'ichiro Shimokura (NTT)</i></p>
	Lunch
14:00-15:40	<p>Keynote Speech and Discussions (chair: Hiroshi Ishiguro)</p> <p>Development of Geminoids and the Research Issues <i>Hiroshi Ishiguro (ATR & Osaka University)</i></p>
	Coffee break
16:00-17:40	<p>Research topics in Network Robot System (chair: Tomomasa Sato)</p> <p>RDF-based Sensor Description for Management of Sensors in Room <i>Hiroshi Noguchi, Taketoshi Mori, and Tomomasa Sato (The University of Tokyo)</i></p> <hr/> <p>Behavior Recognition Using a Visible Robot and Unconscious Cameras in a Network Robot System <i>Keiichi Kemmotsu, Yoshihiro Koketsu, and Masato Iehara (Mitsubishi Heavy Industries, Ltd.)</i></p> <hr/> <p>Simulated Annealing for Multi-robot Hierarchical Task Allocation with Flexible Constraints and Objective Functions <i>Alejandro R. Mosteo and Luis Montano (Universidad de Zaragoza)</i></p> <hr/> <p>Self-Organized Embedded Sensor/Actuator Networks for "Smart" Turbines <i>Nikolaus Correll, Christopher Cianci, Xavier Raemy and Alcherio Martinoli (EPFL)</i></p> <hr/> <p>Model of Policy-based Session Control in Multi-Robot Sensor Networks <i>Ryohei Suzuki, Junya Yamashita, Kei Sawai, Tsuyoshi Suzuki, Yoshito Tobe (Tokyo Denki University)</i></p>