

ICRA 2008 Workshop

Network Robot System: Benchmarks and Platforms toward Human-Robot Interaction

May 19, 2008 Pasadena, California, USA

Pasadena Conference Center Room 211a

8:50- 9:00	Opening <i>Norihiro Hagita</i>
Session I : Progress reports on Network Robot System in the world	
9:00-10:30	9:00-9:30 Introduction to Network Robot Systems - Research Trends and Perspectives – <i>Norihiro Hagita (ATR)</i>
	9:30-10:00 First year Progress on Ubiquitous Networking Robotics in Urban Settings (URUS) <i>Alberto Sanfeliu (Technical University of Catalonia)</i>
	10:00-10:30 A Progress Report of Networked Robot Systems Research in the USA <i>Lynne E. Parker (Univ. of Tennessee)</i>
10:40-11:00	Coffee break
11:00-12:40	11:00-11:30 Common Platform Technology for Next Generation Robots <i>Tomomasa SATO (The University of Tokyo), Nobuto MATSUHIRA (JST, Toshiba Corporation), Eimei OYAMA (JST, National Institute of Advanced Industrial Science and Technology)</i>
	11:30-12:00 Robot Localization Standardization <i>Miwako Doi (Toshiba Corporation)</i>
	12:00-12:40 Robots getting close to humans -Studies on Humanoids and Androids- <i>Hiroshi Ishiguro (Osaka Univ.)</i>
12:40-14:00	Lunch
Session 2: Topics on Network Robot Systems	
14:00-15:00	2:00-2:30 Platform for autonomous self-deploying and operation of wireless sensor-actuator networks cooperating with aerial robots: The AWARE project <i>Anibal Ollero (University of Seville)</i>
	2:30-3:00 Cooperative anchoring in a network robot system <i>Kevin LeBlanc (Orebro Univ.)</i>
Session 3: Round Table: Discussion about Understanding Network Robot Systems	
15:00-16:00	<i>Chairs: Alberto Sanfeliu and Norihiro Hagita</i> <i>Anibal Ollero(University of Seville), Hiroshi Ishiguro (Osaka Univ.), Miwako Doi(Toshiba Corp.), Ken Goldberg (U.C. Berkeley), Nobuto Matsuhira (JST, Toshiba Corp.)</i>
16:00-16:10	Closing Remarks <i>Alberto Sanfeliu</i>