

First *RoboCare* Workshop (RC-Ws-1)

October 30, 2003
Auditorium del Polo Biologico CNR
Viale Marx 15, Roma
(<http://robocare.ip.rm.cnr.it>)

Schedule

9:00 – 9:25. Human-Robot Interaction: A Survey of Current Research

A. Cappelli, E. Giovannetti

9:25 – 9:50. Human-Robot Interaction: How People View Domestic Robots

M.V. Giuliani, M. Scopelliti, F. Fornara, E. Muffolini, A. Saggese

9:50 – 10:15. A Cognitive System for Human Interaction with a Robotic Hand

I. Infantino, A. Chella, H. Dzindo, I. Macaluso

10:15 – 10:40. Multi-scale Meshing in Real Time

S. Ferrari, I. Frosio, V. Piuri, A. Borghese

10:40 – 11:05. People and Robot Localization and Tracking through a Fixed Stereo Vision System

S. Bahadori, L. Iocchi, L. Scozzafava

11:05 – 11:30 Coffee Break

11:30 - 11:55. Effective Reasoning Techniques for Temporal Reasoning

A. Armando, C. Castellini, E. Giunchiglia, M. Maratea

11:55 - 12:20. A Component-Based Framework for Loosely-Coupled Planning and Scheduling Integration

A. Cesta, F. Pecora, R. Rasconi

12:20 - 12:45. The Design of the Diagnostic Agent for the RoboCare Project

P. Torasso, G. Torta, R. Micalizio, A. Bosio

12: 45 – 13:10. Toward a Mobile Manipulator Service Robot for Human Assistance

S. Caselli, E. Fantini, F. Monica, P. Occhi, M. Reggiani

13:10 – 14: 20 Lunch

14: 20 – 14:45. Knowledge Representation and Planning in an Artificial Ecosystem

M. Castelnovi, F. Mastrogiovanni, A. Sgorbissa, R. Zaccaria

14: 45 – 15:10. Path Planning in a Domestic Dynamic Environment

A. Farinelli, L. Iocchi, D. Nardi

15: 10 – 15:35. Developing a Robot able to Follow a Human Target in a Domestic Environment

R. Bianco, M. Caretti, S. Nolfi

15: 35 – 16:00. Robotic Path Planning in Partially Unknown Environment

A. Scalzo, G. Veruggio

16: 00 – 16:15. Workshop wrap-up