

EUROBOT Conference 2008

Registration	21. May 2008
15:00-22:00	Welcome and registration to International Conference on Research and Education in Robotics EUROBOT Conference 2008

Program (1st day, 22 May 2008)

Begin	Autor/Titel
8:30-9:30	<i>Official opening of EUROBOT 2008, welcoming speech</i>
9:30 - 10:30	Invited talk on Humanoid Robot Research and Its Applications, Professor Atsuo Takanishi, Waseda University, Japan
10:30-11:00	Coffee break
11:00-11:20	Invited talk on EUROBOT, Veronique Raoul, Eurobot Association, France
11:20-11:40	Adaptive Robot to Person Encounter by Motion Patterns, Hans Jørgen Andersen, Thomas Bak, and Mikael Svenstrup
11:40-12:00	Map Reconstruction based on Stereo Camera Images for Motion Planning, Joel Bout, Thomas Ihme, Kai Wetzelsberger
12:00- 14:00	Lunch break
14:00-14:20	Design of Multi-Segment Humanoid Robot Foot, Branislav Borovac, Sinisa Slavic
14:20-14:40	Software-Hardware Mapping in a Robot Design, Pavol Jusko, David Obdrzalek, Tomas Petrusek
14:40-15:00	Assembly of fuel cells and stacks with robots, P. Konold, A. Muminovic, M. Wehrheim
15:00-15:20	Coffee break
15:20-15:40	The Huggable Robot Probo, a Multi-disciplinary Research Platform, Kristof Goris, Jelle Saldien, and Dirk Lefeber
16:00-16:20	Comparison of PID and Fuzzy Logic Controllers in Humanoid Robot Control of Small Disturbances, Miomir Vukobratoviã, Branislav Borovac, Mirko Rakoviã
16:20-16:40	A Java-based Framework for the Programming of Distributed Systems for Mobile Robots, Daniel Westhof and Hagen Stanek

16:40-17:00	Coffee break
17:00-17:20	Wheeler – hypermobile robot, Grzegorz Granosik, Krzysztof Mianowski and Michał Pytasz
17:20-17:40	The qfix Robot kits, Stefan Enderle
17:40-18:00	Pilot Study of Person Robot Interaction in a Public Transit Space, Mikael Svenstrup, Thomas Bak, Ouri Maler, Hans Jørgen Andersen, and Ole B. Jensen
18:00	End of 1st day
19:00	Conference dinner at the Liberty Restaurant

Program (2nd day, 23 May 2008)

Begin	Autor/Titel
9:30 - 10:00	Ten Years of Experience with Eurobot; Achievements, Lessons Learned and General Comments (EUROBOT), Jean-Daniel Dessimoz
10:00-10:20	Navigation and Control Systems of an Autonomous Robot Developed for the Eurobot 2007 Contest, Domokos Kiss, Dániel Varga, Dávid Vékony, Gábor Tevesz
10:20-10:40	A Robot for Mission to Mars, Ondrej Fiser, Jan Chudoba, and Tomas Krajník
10:40-11:00	Coffee break
11:00-11:20	Robots are All About Looks, Eric Dalglish
11:20-11:40	Scarabaeus: A Walking Robot Applicable to Sample Return Missions, Sebastian Bartsch and Steen Planthaber
11:40-12:00	The Fly Algorithm for Robot Navigation, Rodrigo Montúfar-Chaveznavá, Mónica Pérez-Meza and Ivette Caldelas
12:00-14:00	Lunch break
14:00-14:20	Design and Development of a Waste Cleanup Service Robot, Catalin Buiu
14:20-14:40	Cybertech Robotic Competition, Inaki Navarro and Ramon Galan
14:40-15:00	Robotics Exhibits for Science Centres. Some Prototypes, Orazio Miglino, Michela Ponticorvo, Angelo Rega and Beniamini Di Martino
15:00-15:20	Coffee break
15:20-15:40	Quantitative Cognitics and Agility Requirements in the Design of Cooperating Autonomous Robots Jean-Daniel Dessimoz, and Pierre-

	François Gauthey
16:00-16:20	Powerful Hardware and Visual Programming for Mobile Robot Applications, Wolfgang Guenther, Holger Kenn, Hans-Jürgen Hilscher, Stefan Enderle
16:20-16:40	Integration of percussion robots "RobotMusic" with the Data-Suit "Body Suit": Technological Aspects and Concepts, Suguru Goto, and Fuminori Yamasaki
16:40-17:00	Grape – Graphical Robot Programming for Beginners, Stefan Enderle
17:00-17:20	End of 2nd day
19:00	Conference dinner at the Liberty Restaurant

Program (3rd day, 24 May 2008)

Begin	Autor/Titel
9:30 - 10:00	Traiano: Educational (but not only) opportunity for Master Students Contribution to Eurobot 2008 Conference, A. Mancini, E. Frontoni, A. Cesetti, A. Gabrielli, M. Cavalletti, P. Zingaretti, M. Zamponi, M. Babini, R. Donnini, M. Gallieri, V., Minnetti, E. Torta, M. Tinaro, D. Tina, P. Raspa, R. Stronati, D. Mancini, and S. Longhi
10:00-10:20	EUROBOT Paper 2
10:20-10:40	Participation in international robot competitions as a way of potentiating basic professional abilities, Julio Pastor, Irene González, F.J Rodríguez
10:40-11:00	Coffee break
11:00-12:00	Invited talk on Human-Centered Robotics, Professor Oussama Khatib, Stanford University, USA
12:00-13:00	Lunch break
13:00-14:00	Invited talk on New Man-Machine Interaction concepts: Virtual Reality meets Robotics, Professor Jürgen Roßmann, RWTH Aachen, Germany
14:00 - 15:00	Invited talk on Robotic Exploration of Planetary Surfaces - Science Objectives, Instrumentation, and Results from the Mössbauer Spectrometers on the Mars-Exploration Rovers, Dr. Goestar Klingelhöfer, Johannes Gutenberg Universität Mainz, Germany
15:00	End of 3rd day

