



Call for Papers

ECMR'09



4th European Conference on Mobile Robots

September 23-25, 2009, Mlini/Dubrovnik, Croatia

<http://www.ecmr09.fer.hr>

Organized by:

University of Zagreb, Faculty of Electrical Engineering and Computing in cooperation with Croatian Society for Communications, Computing, Electronics, Measurement and Control – KoREMA and Croatian Society for Robotics

General Chair:

Ivan Petrović (HR)

Program Chair:

Achim J. Lilienthal (S)

Program Committee:

Henrik Andreasson (S)	Bojan Jerbić (HR)
Kai Oliver Arras (S)	Zdenko Kovačić (HR)
Stjepan Bogdan (HR)	Danica Kragić (S)
Sven Behnke (D)	Maarja Kruusmaa (EST)
Maren Bennewitz (D)	Emanuele Menegatti (I)
Hans-Joachim Böhme (D)	Jose Maria Martinez Montiel (ES)
Andrea Bonarini (I)	Daniele Nardi (I)
Adam Borkowski (PL)	Ulrich Nehmzow (UK)
Wolfram Burgard (D)	Andreas Nüchter (D)
Riccardo Cassinis (I)	Libor Přeučil (CZ)
Raja Chatila (F)	Alessandro Saffiotti (S)
Antonio Chella (I)	Rafael Munoz-Salinas (ES)
Juan Andrade Cetto (ES)	Dirk Schulz (D)
Michel Devy (F)	Roland Siegwart (CH)
Jorge Dias (P)	Cyrill Stachniss (D)
Rüdiger Dillmann (D)	Piotr Skrzypczynski (PL)
Tom Duckett (UK)	Panos Trahanias (GR)
Javier Gonzalez (ES)	Markus Vincze (A)
Giorgio Grisetti (D)	Cezary Zielinski (PL)
Horst-Michael Gross (D)	Primo Zingaretti (I)
Thierry Fraichard (F)	
Simone Frintrop (D)	
Emanuele Frontoni (I)	
Patric Jensfelt (S)	

Conference Board:

Adam Borkowski (PL)
Primo Zingaretti (I)
Wolfram Burgard (D)

Important Dates:

April 27, 2009

Submission of papers

June 15, 2009

Notification of acceptance

June 29, 2009

Submission of camera-ready papers and early registration

Conference Secretariat:

University of Zagreb,
Faculty of Electrical Engineering and Computing
Unska 3, HR-10000 Zagreb, Croatia
Phone: +385-1-6129-844
Fax: +385-1-6129-809
E-mail: ecmr09@fer.hr
URL: <http://www.ecmr09.fer.hr>

The primary aim of ECMR is to establish a biannual European forum, internationally open, allowing researchers through Europe to become acquainted with the latest accomplishments and innovations in advanced mobile robotics and mobile human-robot systems. The first ECMR meeting was held in September 2003 in Radziejowice, Poland, followed by ECMRs in September 2005 in Ancona, Italy and in September 2007 in Freiburg, Germany. ECMR'09 is aimed at continuing this policy. ECMR especially seeks to attract young researchers to present their work to an international audience.

Most aspects of robotics research and machine intelligence are involved, including (but not limited to) the following topics: multi-sensor fusion, obstacle avoidance, localization, map building, navigation, active perception, behaviour and appearance-based robotics, path and task planning, multi-robot systems, learning and adaptation, vision-based navigation, multimodal human-robot interaction, cognitive robotics, experimental evaluation and benchmarking, 3D sensing, new applications for mobile robotics, etc.

ECMR will provide a keynote session, a panel session and original presentations about research in progress and it will be organized in single track mode to favor discussions.

Keynote session

The keynote talk of ECMR'09 will be given by **Dieter Fox**, Department of Computer Science & Engineering at the University of Washington, USA.

Paper submission

Authors are invited to submit original contributions in the PDF format via conference web site. Papers should be written in English not exceeding 6 pages of the two-column conference format available at the conference web site.

Paper publication

All papers will be reviewed by at least two program committee members or other experts. Accepted papers will be published in the conference proceedings, available upon arrival at the meeting. As in the past, we plan to publish extended and revised versions of selected papers in a special issue of an international journal.

Organization

The conference fee includes admission to the conference, conference proceedings, coffee breaks, lunches, and participation at the social event (excursion and banquet). If a paper is accepted, at least one of the authors is required to register for the conference on or before the early registration deadline. Students (to be proved by an official university letter) and co-authors may apply for reduced fees.

Accommodation

Detailed information about lodging with special discounts given to the participants of the ECMR '09 is available on the conference web site.

Conference Site



Mlini is a small fishermen's town and resort, situated 10 km from the ancient town centre of Dubrovnik. Its indented coast with many pebble beaches is one of the most beautiful oases of the Dubrovnik Riviera. The city of Dubrovnik, cut in stone below the hill of Srdj, washed by the sea and surrounded by colourful

Mediterranean gardens has always been the symbol of the pure beauty of nature combined with human creativity, love of freedom and sense of modesty. Once a powerful city-state, the beauty of which has always been the challenge and inspiration of artists as well as destination of numerous native and foreign visitors, a Gothic - Renaissance -Baroque city of Dubrovnik is today one of the most significant Croatian and also European cultural heritage sites.