ICAR 2005

12th International Conference on Advanced Robotics

2005 July 17-20th Seattle, Washington, USA

http://www.icar2005.org

ICAR 2005 continues to follow the scope of this conference series of promoting information exchange and international cooperation in the field of advanced robotics.

Topics include, but are not limited to:
Human-centered robotics; Distributed and modular robotics; Manipulator robotics; Mobile robotics; Micro-robots; Rehabilitation and biomedical robotics; Redundant robots; Flexible robots; Multi-robot systems; Humanoid robots; Sensing and algorithms for navigation, guidance, control and scene perception; Intelligent transportation systems; Intelligent vehicles; Biologically inspired robotics; Robot learning; Space, aerial and underwater robotics; Robot control; Computational hardware and software systems in robotics; Task planning and monitoring, Simulation and virtual reality systems in robotics; Sensor Fusion; Human-robot interfaces, interaction and communication; Humanitarian Demining robotics; Nonholonomic robots; MEMS and Nano Technology related to robotics.

Key Dates

Paper Deadline	November 19, 2004
Notification of Acceptance	January 19, 2005
Accepted Papers due to Publisher	March 19, 2005

Paper Submission
Prospective authors are invited to submit full papers in PDF or Postscript formats through the conference website. Accepted papers must be presented at the conference by one of the authors to appear in the conference CDROM and proceedings. Detailed instructions can be found at the conference web site.

Tutorials and Workshops
Proposals for tutorials and workshops that address topics related to the conference themes are welcome. We seek state-of-the-art programs with high level of interest, impact, creativity and innovation.

Video
Digital videos are welcome along with a paper submission. The videos must not exceed 3 minutes and will be linked to the papers on the conference CDROM.

Industry-Focused Sessions
Industry-oriented papers are also welcome. By bringing together researchers from industry and academia, the Technical Program Committee hopes to foster collaboration and promote transfer of ideas among these communities.

General Conference Chair
Prof. Blake Hannaford - Univ. of Washington

Program Co-Chairs
Asia: Prof. Yoshihiko Nakamura - Univ. of Tokyo
North America: Prof. George Bekey - Univ. of Southern California
Europe: Prof. Paolo Fiorini - Univ. of Verona

Finance Chair
Dr. Glenn Klute - Seattle Veteran's Administration Rehabilitation - Engineering Research Center

Local Arrangements Chair
Dr. Steven Venema - Boeing Company, Phantom Works

Publicity Co-Chairs
Prof. Linda Bushnell - Univ. of Washington
Mr. Sean Hoyt - Univ. of Washington

Publications Chair
Prof. Dieter Fox - Univ. of Washington

Tutorials & Workshops Chair
Prof. Jacob Rosen - Univ. of Washington

Conference Management
Ms. Jan Kvamme - Engineering Professional Programs - Univ. of Washington

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