2005 IEEE INTERNATIONAL CONFERENCE ON

ROBOTICS

AND

ICRA 05 Barcelona

Sponsored by the IEEE Robotics and Automation Society

IEEE

Call for Papers

2005 IEEE International Conference on Robotics and Automation
April 18-22, 2005. Palau de Congressos de Catalunya, Barcelona, Spain

Robots get closer to humans

The 2005 International Conference on Robotics and Automation will be held in Barcelona, seven years after the last edition in Europe in 1998. During this time, the continuous progress in robotics and its related areas has produced great changes in the way we use and apply robots. Operating closer and closer with humans, robot interaction is an increasing research topic in robotics. The theme of the ICRA'05 conference, **Robots get closer to humans** raises issues in matters related to human robot interaction, in advances and experiences of robots at home, at work, for education, as well as in other emerging areas. This annual event will be held in 2005 one week after one of the most important exhibitions in the field, the *Hannover Messe*, in Germany, thus facilitating the participation of researchers and professionals in robotics to two of the most relevant international events in robotics in the world.

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Paper Submission Authors are encouraged to submit their papers electronically in PDF (Portable document format) format. Six camera-ready pages including figures are allowed for each paper. A maximum of additional pages is permitted at extra charge. Detailed instructions for paper submissions are available on the conference web site: ***http://www.icra2005.org***.

Invited Sessions Invited sessions consist of four related papers that are submitted through the regular review process and, if accepted, would be presented on a regular basis. Invited session organizers should submit a brief statement of purpose for the sessions as well as the abstracts of the papers to be included.

Tutorials and Workshops Proposals for half day or full day tutorials and workshops should be submitted to the Tutorial/Workshop Chair. Proposals must include: statement of objectives, intended audience, list of speakers, and list of topics.

Exhibitions There will be an exhibition site at the conference and promoters are encouraged to display state-of-the art products and services in all areas of robotics and automation. Reservations for space and further information may be obtained from the Exhibits Chair and on the conference web site.

Video Submissions Video segments of between 1.5 to 3 minutes in length illustrating new and significant results have been requested for the special video sessions. Videos must be accompanied by an extended abstract and should be submitted following the instructions on the web.

IEEE Best Student Paper Award $1,000 prize will be awarded for the best student paper. The student must be a member of the IEEE Robotics and Automation Society, be the first author and primary developer of the idea, and have done the work as part of an academic degree program. A nominating letter from the faculty advisor should be sent to the Program Chair at the time of submission.

Secretariat

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Important Dates

September 15, 2004	Submission of papers, videos, and invited sessions
December 20, 2004	Notification of acceptance
January 20, 2005	Final Camera-ready papers due

http://www.icra2005.org