

ROBOTICS AND AUTOMATION

ICRA 2004
April 26 – May 1, 2004

New Orleans Riverside Hilton & Towers
New Orleans, LA 70140, USA

Sponsored by the IEEE Robotics and Automation Society



Call for Papers

The 2004 IEEE International Conference on Robotics and Automation will be held at the New Orleans Riverside Hilton & Towers in New Orleans, Louisiana, from April 26 – May 1. Robotics and automation technology is being widely used for waste management, hazardous area activities, industrial applications in the oil and gas industry, for marine cable route surveys, near shore nautical charting and military surveys, pipeline inspection and monitoring of sensitive coastal environments. We expect technical presentations in such emerging areas and these expectations are reflected in the theme of the conference, **“Environmental Robotics: Technical Innovations and Cutting Edge Technologies for Environment Clean up and Ecosystem Management”**. The conference will provide a unique opportunity for the academic and industrial community to address new challenges, share solutions, and discuss research directions for the future in the vicinity of the world-famous New Orleans French Quarter and the Mississippi river. Technical topics of the conference include all areas of robotics and automation. For general and technical program inquiries about the conference, please contact either of the conference General Chairs, Dr. Toshio Fukuda and Dr. T. J. Tarn, or the Program Chair, Dr. K. P. Valavanis.

General Chairs

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Paper Submission: Authors must submit their papers electronically in either PS (postscript) or PDF (portable document format) format. Six camera-ready pages including figures are allowed for each paper. A maximum of two additional pages is permitted at extra charge. Detailed instructions for paper submissions are available on the conference Web site: <http://www.icra2004.org>.

Special Sessions: Special sessions consist of four related papers that are submitted through the regular review process and, if accepted, would be presented continuously. Special session organizers should submit a brief statement of purpose for the session 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 (1) statement of objectives, (2) intended audience, (3) list of speakers, and (4) list of topics.

Exhibitions: There will be an exhibition site at the conference and exhibitors 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: Self-contained videos between 1.5–3 minutes in length illustrating new and significant results are being solicited for the Video Proceedings. Submitted video tapes may be in one of the following formats: BetaSP, DVCam, miniDV, or VHS. Detailed instructions for video submissions are available on the conference Web site.

Anton Philips Best Student Paper Award: A \$1,000 prize will be awarded for the best student paper. The student must (1) be a member of the IEEE Robotics and Automation Society, (2) be the first author and primary developer of the idea, and (3) 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.

Important Dates

November 7, 2003: **[NEW!]**
October 1, 2003: Submission of papers, videos, and special sessions
January 15, 2004: Notification of acceptance
February 28, 2004: Final camera-ready papers due

Organizing Committee

Regional Program Chairs
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For more information about IEEE ICRA 2004, visit

<http://www.icra2004.org>