2006 IEEE International Conference on Robotics and Automation

Student Education Paper Category: Experiments, tools, and ideas related to improving education and training of students in R&A

Papers by Undergraduate/Masters Students on Education in Robotics and Automation

Students are invited to submit papers to ICRA describing their work in the area of Education in Robotics and Automation. The main author of each paper must be an undergraduate or masters level student, although students are encouraged to collaborate with their professors to show how the work meets the overall educational goals of the engineering curriculum.

This solicitation is directed specifically at attracting undergraduate and masters students to present their work during and for the purpose of achieving their degree (such as senior level design projects.) Papers will not be required to present innovative scientific work. However, they will be required to present innovative "educational" work that promote and strengthen the penetration of robotics subjects in engineering, computer science, and other curricula.

Accepted papers will be included in a special session on Robotics Education and will be published in the ICRA Conference Proceedings.

Students shall present the results of their work for the development of robotic experiments aimed at education in Robotics, or at education in other disciplines that use robots as tools for their concepts and algorithms, such as, for example, humanities, art, neural sciences, and psychology. Papers shall discuss the educational context in which the work has been developed. Essential for acceptance is the presentation of the work as part of an organized curriculum in which robotics is either the main subject or the main tool to learn and experiment with a different subject.

Students authors whose papers in this category are accepted and who are RAS student members in good standing will receive partial travel support (up to 800 US$) to attend ICRA '06 in Orlando (USA). (The actual amount of the travel support will depend on the travel costs.)

Submission Procedures
All papers must be submitted as regular papers through the ICRA website, www.icra2006.org. All papers must be submitted by September 16, 2005.

• Since ICRA2006 is using a double-blind review process, the authors names and institutions must NOT be included in the title page of the paper or in the text.

To be considered in this special category, authors MUST indicate on the first page of the paper that the primary author is an undergraduate or master’s student, and that the paper is in the special education category. Partial travel expenses will be provided to the student author of papers which are accepted. However, since these papers are not required to present innovative scientific work, they are NOT eligible for the ICRA Student Best Student Paper Award.

For more information contact Prof. Paolo Fiorini, Chair, RAS Education Committee, http://www.sci.univr.it/~fiorini.