



2009 First Annual

Robotics Innovations Competition and Conference

at Worcester Polytechnic Institute

November 7-8, 2009, Worcester, MA

CALL FOR ROBOTS

<http://ricc.wpi.edu/>

Competition to Create Robots to Improve the Quality of Life

The 2009 First Annual RICC will be held on **November 7-8, 2009** at Worcester Polytechnic Institute. The RICC will challenge university-level students to engineer innovative robotic solutions to real-world problems. The theme of this year's competition focuses on the development of creative solutions **to improve the quality of life**. The competition is open to design teams formed by students enrolled at the undergraduate or graduate level. The emphasis will be on innovation, technical approach, and professionalism.

Eligibility:

- o Each team must consist of a minimum of 3 members who must be enrolled graduate or undergraduate students at the time of registration. Teams must have at least one advisor.
- o An application must be submitted by all teams. Teams will be notified if their application is accepted or declined within 10 days of receiving the application. All teams must submit a progress report if accepted in the competition.

Qualifying Requirements:

- o A robot is defined as an electro-mechanical-computing system that senses and interacts with its environment. Fully autonomous robots are encouraged, but not required.
- o The robot must provide a service or perform a task that improves the quality of life for a person or a group of people. The innovation must have been reduced to practice within 1 year of the contest date.

Expenses: Reimbursement for materials, supplies and travel is available (see "Rules" for details).

Awards: Cash prizes up to \$5,000 will be awarded.

Conference Presentation Topics to Inspire Innovation

Invited speaker presentation topics will provide insight into several areas of interest to those involved in developing robots, with particular emphasis on innovation. Topics will cover areas such as those shown below:

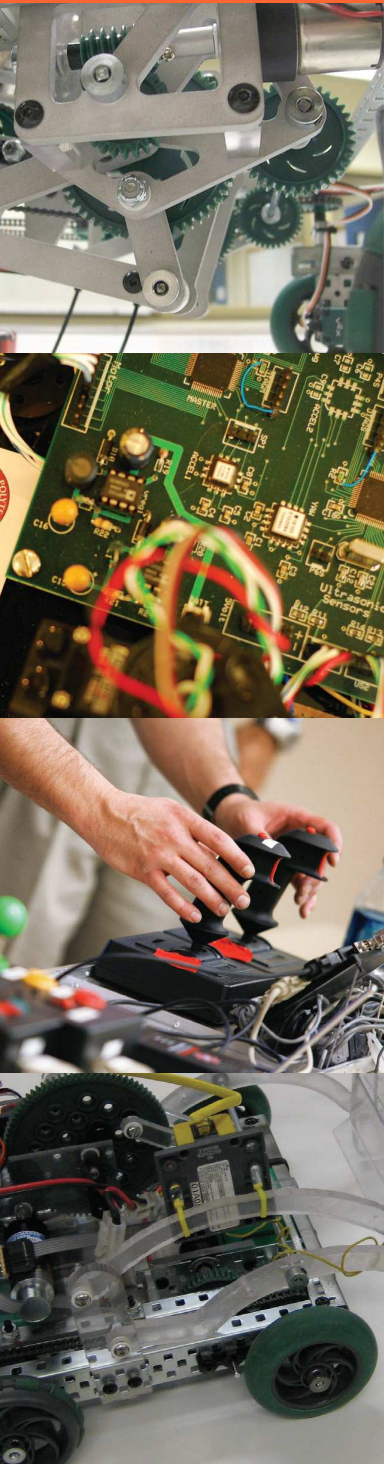
- o What to do with new ideas
- o What a young inventor should know
- o Latest technology topic for robots
- o Industry needs
- o Intellectual Property (IP) Concerns
- o Marketing Methods

Student teams will also participate in Poster Sessions, Formal Presentations and Demonstrations

Important Dates:

Application Due	April 17-September 14, 2009
Detailed Description of Project Entry Due	September 14, 2009
Participation Confirmation	September 21, 2009
Written Report Due	October 23, 2009
Competition at WPI	November 7-8, 2009

RICC is supported by the National Science Foundation under Award No. CNS-0722218. Sponsors of the RICC are :



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