

Call For Papers

The 3rd International Symposium on Autonomous Minirobots
for Research and Edutainment

AMiRE 2005

September 20-22, 2005
Awara-Spa, Fukui, JAPAN

<http://www.his.fukui-u.ac.jp/AMiRE2005/>

AMiRE 2005

Organizer :
HART, University of Fukui, Japan

Technical Co-sponsorship:
IEEE Robotics and Automation Society
(under requesting)



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AMiRE 2005 will be held in Awara-Spa, Fukui, JAPAN, from September 20 to 22, 2005. Robots are widely used in education with entertainment, especially human-friendly robots such as small pet robots and small biped robots, are developed for further research and higher education. The symposium theme is "Highly intelligent technology for robots," to realize the autonomy in unknown and dynamic environments including humans. The symposium covers the following topics, but is not limited to these:

Minirobot construction / Computing architectures / Robot safety / Robot control / Robot navigation / Behavior learning / Map building / Motion planning / Robot vision / Robotic intelligence / Sensor fusion / Multi-robot systems / Human interaction / Robot communication / Collective behavior / Simulation and modeling / Robot interfaces / Behavior-based robotics / Social robotics / Entertainment Robots / Pet Robots / Evolutionary robotics / Bio-inspired robots / Telerobotics / Robot applications

Contributed Papers: Full-length papers in English must be submitted electronically in PDF (portable document format) file format. The maximum number of pages is limited to 6. Detailed information on paper format and submission procedure can be found on the conference web page. All papers will be peer reviewed by three members of the International Program Committee.

Organized Sessions: Organized sessions are to provide a forum for focused discussions on new topics and innovative applications of established approaches. An organized session consists of at least four papers. A proposal must include: (1) Session title, (2) Organizers, (3) Brief statement of purpose and abstract, (4) A list of papers and authors. Proposal must be submitted to Naoyuki Kubota (kubota@comp.metro-u.ac.jp), the Program Co-Chair by April 15, 2005.

Important Dates:

April 15, 2005 Deadline for electronic submission of full-length papers
April 15, 2005 Proposal for organized sessions
June 1, 2005 Notification of acceptance
July 1, 2005 Deadline for electronic submission of final papers

Conference Venue: Grandia Housen /Awara Spa, Funatsu 43-26, Awara, Fukui 910-4193, Japan
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e-mail: info@g-housen.co.jp, URL: <http://www.g-housen.co.jp/>

AMiRE 2001, held at the Heinz Nixdorf Institute of the University of Paderborn, Germany in October 2001, showed that there is a vigorous and growing research community working on and with autonomous minirobots for a variety of purposes. AMiRE 2003 (<http://www.citi.qut.edu.au/general/news/amire/amire20033.htm>), held at Queensland University of Technology, Brisbane, Australia, provided a further opportunity for this emerging research community to evaluate their experience and explore the future contributions to our knowledge and advancement of robot technology.

For more information on AMiRE 2005, please contact

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