



AMiRE 2005

Organizer :

HART, University of Fukui, Japan

Technical Co-sponsorship:

IEEE Robotics and Automation Society
(under requesting)



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/>

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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:

May 1, 2005	Deadline for electronic submission of full-length papers (extended)
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

Phone: +81-776-77-2555, FAX:+81-776-77-2592

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**, 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

Kazuyuki Murase, General Chair

University of Fukui

E-mail: murase@synapse.his.fukui-u.ac.jp

Kosuke Sekiyama, Program Co-Chair

University of Fukui

E-mail: sekiyama@dis.his.fukui-u.ac.jp

Joaquin Sitte, Founding Organizer

Queensland University of Technology

E-mail: j.sitte@qut.edu.au

Naoyuki Kubota, Program Co-Chair

Tokyo Metropolitan University

E-mail: kubota@comp.metro-u.ac.jp

Ulrich Rueckert, Founding Organizer

University of Paderborn

E-mail: rueckert@hni.upb.de