

Announcement and Call for Papers (tentative)

IARP International Workshop on Robotics and Mechanical Assistance in Humanitarian Demining (HUDEM2005)

Tokyo, Japan
June 21-23, 2005



Japan Science and Technology Agency

Workshop Objective

The 6th IARP Workshop on Robotics and Mechanical Assistance in Humanitarian Demining will be held in Tokyo from June 21st through 23rd, 2005, just after the International Advanced Robotics Programme - Joint Coordinating Forum meeting. The objective of this workshop is to encourage development of systems, which dispense humans from demining operation in harsh and demanding or dangerous environment, to meet strong operational needs of robotic and other advanced technologies for more reliable, more efficient and safer demining operation.

Scope and Topics

The workshop will discuss available and prosperous technologies, and their limitations including recent development of new systems from national projects in Japan. Specific topics include but not limited to sensors and sensor fusion systems for mine detection, test and evaluation of demining systems, tele-operation systems, mobile robot systems for unstructured environments, human-machine interface, social aspects and education, etc.

Participation

Please note that the participation in IARP workshop is by invitation only. No registration fee is required. Nominations of presentations by IARP members are welcome. The selection of presentations will be made by the International Program Committee based on the abstracts.

Organization

General Chair: K. Furuta (TDU)
General Co-chair: Y. Baudoin (RMA)
Program Chair: K. Kosuge (Tohoku Univ.)
Program Co-chair: T. Shibata (AIST)
Secretary: J. Ishikawa (JST)
International Program Committee: Program chairs will organize the committee.

IARP Members and Observers

Austria:	Peter Kopacek
Belgium:	Yvan Baudoin
Brazil:	Liu Hsu
Canada:	Jean-Claude Piedboeuf
	Erick Dupuis
P.R. of China:	Xianzhong Dai
France:	Georges Giralt
Germany:	Ruediger Dillmann
Italy:	Claudio Moriconi
Japan:	Kazuo Tanie
R. of Korea:	Chong-Won Lee
Russia:	Valery G. Gradetsky
Spain:	Manuel Armada
UK:	Geoff Pegman
USA:	Elbert L. Marsh
	(Observers)
European Union:	Thomas Skordas
New Zealand:	Werner E. Friedrich

IARP Executive Committee

IARP President (USA):	Norman Caplan
IARP Secretary (France):	Georges Giralt

Local Organization Committee

E-mail:	secretariat@hudem2005.org
Telephone:	+81(3)5778-2001
Facsimile:	+81(3)5778-5020
Web site:	http://www.hudem2005.org

Sponsorship

This Workshop is sponsored by Japan and co-sponsored by Austria, Belgium, Canada, China, France, Germany, Korea, Russia, Spain and United Kingdom.

Time Table

Proposal (Abstract) Deadline:	March 31, 2005
Notification of Invitation:	April 15, 2005
Camera-ready Paper Deadline:	May 15, 2005
Workshop:	June 21-23, 2005

An abstract (approximately 300 words in English) should be received not later than March 31, 2005. Electronic submissions of the abstracts (PS-format, PDF-files) should be mailed to: secretariat@hudem2005.org.