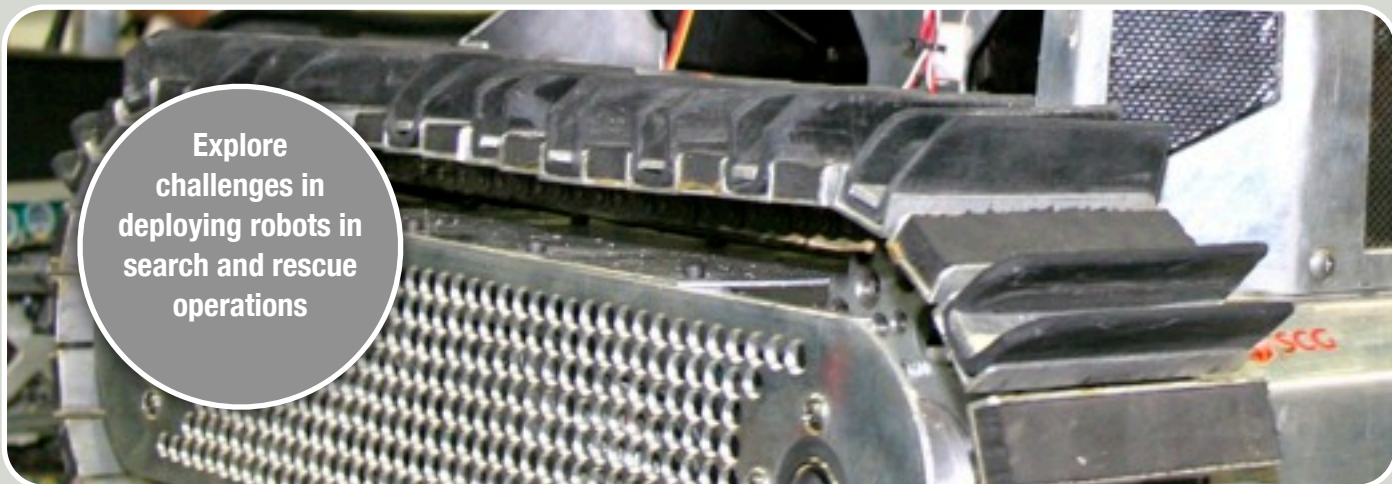


December 11-14, 2009

ROBO RESCUE

2009 International Workshop on Urban Search and Rescue Robotics

Bangkok-Pattaya, Thailand.



Explore challenges in deploying robots in search and rescue operations

Workshop Organizers:

Thai Robotics Society (TRS), THAILAND
National Institute of Standard and Technology (NIST), USA
International Rescue System (IRS), JAPAN

Keynote Speakers:

Adam Jacoff, NIST, USA
Andreas Birk, Jacob U., Germany
Satoshi Tadokoro, Tohoku U., Japan

Main Sponsors:

NECTEC, Thailand
Siam Cements Group (SCG)

Emergency response applications, such as urban search and rescue and bomb disposal, have become common endeavors for mobile robots. 2009 International Workshop on Urban Search and Rescue Robotics is organized in conjunction with Thailand Rescue Robot Championship 2009, Dec. 7-10 2009. The workshop aims to be an international forum for presentation of technological advances and hand on workshop in urban search and rescue operations. In the workshop, participants will be able to demonstrate their adeptness of their robots in terms of mobility, sensory perception, localization, mapping, manipulation, etc. This event will be the perfect place to promote collaboration among researchers.

Technical Co-Sponsors:

Mahidol University (THAILAND)/ Tohoku University (JAPAN)/Jacob University (GERMANY)/ King Mongkut's University of

North Bangkok, Thailand IEEE Robotics and Automation Thailand Chapter

Organizing Committee:

- ▶ Jackrit Suthakorn, Mahidol U., Thailand
- ▶ Adam Jacoff, NIST, USA
- ▶ Andreas Birk, Jacob U., Germany
- ▶ Satoshi Tadokoro, Tohoku U., Japan
- ▶ Telsuya Kimura, Nagaoga U.of Tech., Japan
- ▶ Vara Varavithya, King Mongkut's U. of Tech. North Bangkok, Thailand

Workshop Topics

- USAR Mobility
- Sensory Perception
- Localization and Mapping
- Advanced 3D Mapping
- Mobile Manipulator
- Assistive Autonomous Behaviors
- Operator Interfaces
- USAR Testing Methods
- Arial



Venue: Pattaya

Pataya, the renowned tourist city which offers diverse activities days and nights. This will be the perfect place to meet and exchange ideas in research as well as collaboration.