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EMERGENCY MANAGEMENT & ROBOTICS FOR HAZARDOUS ENVIRONMENTS

2nd International Joint Topical Meeting on Emergency Preparedness & Response and Robotic & Remote Systems

March 9-12, 2008, Albuquerque, NM, USA

This conference is a forum for the discussion of the social, regulatory, scientific, and technical aspects of emergency management and robotics for hazardous environment applications. Papers are expected to contain descriptions of new significant work relevant to the conference purpose. Authors will submit a 500 word (or less) abstract for selection for presentation and full-length paper publication. Criteria for selection to submit full-length papers include: originality of work, relevance of topic, validity of method, clarity and conciseness of communication. Travel assistance grants are available for student presenters. There will also be an award for the best student paper. Check the conference website (<http://cimar.mae.ufl.edu/rrsd>) for additional details.

Important Deadline Dates

- AUGUST 1, 2007**
Electronic submission of text abstract
- SEPTEMBER 30, 2007**
Notification of invitation / rejection to submit full-length paper
- NOVEMBER 15, 2007**
Electronic submission of full-length papers
- DECEMBER 7, 2007**
Electronic submission of late-breaking research / issues
- FEBRUARY 15, 2008**
Early registration / hotel conference rate

ANTICIPATED TECHNICAL SESSIONS

ROBOTIC & REMOTE SYSTEMS (RRS)

- Automated Material Handling
- Autonomous and Multi-Agent Robotic Systems
- Cooperative Robotic Sensing & Mapping
- Field Experience—Lessons Learned
- Guides, Standards, & Regulations
- Human-Machine Interface
- Innovative Robotics Applications
- Innovative Sensors for Remote / Robotic Applications
- Large Area Surveillance and Characterization Applications
- New Remote Tools and Processes
- Nuclear Batteries/Radioisotope Thermoelectric Generators
- Nuclear Power RRS Applications
- Remote Connectors for Robotics and Manipulators
- Robotics and Sensors for Radiation Environments
- Robotics for Hazardous Environment Applications
- RRS Technologies
- Telerobotics for Unstructured Environments
- UGV's and UAV's
- Yucca Mountain Robotics and Remote Systems Activities

EMERGENCY PREPAREDNESS & RESPONSE (EP&R)

- Actual Events & Exercises - Lessons Learned
- EP&R Security Issues and Analysis
- EP&R Infrastructure and Transportation Issues
- Biosafety Operations and Emergency Response
- Pandemic Planning: Facility Operations & Shutdown
- Public and Media Relations during Emergencies
- EP&R for Rad. Dispersal & Improvised Nuclear Devices
- EP&R for Large Scale (~75,000+ Participant) Events
- Severe Weather Planning for Key Facilities
- Hazardous Materials Characterization for EP&R
- Consequence Modeling and Assessment for EP&R
- Software Quality Assurance Requirements for EP&R
- Emergency Response Systems & Equipment
- Urban Search and Rescue Applications
- Human Factors in EP&R
- New and Emerging Technologies for EP&R

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Topical Web Site
<http://cimar.mae.ufl.edu/rrsd>



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