Second Announcement and Call for Abstracts

17th ISARC 2000

17th IAARC/CIB/IEEE/IFAC/IFR International Symposium on Automation and Robotics in Construction (ISARC)

18th - 20th September 2000, Taipei, Taiwan

Internationally sponsored by:

- International Association for Automation and Robotics in Construction (IAARC)

Internationally co-sponsored by:

- International Council for Research and Innovation in Building and Construction (CIB)
- IEEE Robotics and Automation Society
- International Federation of Automatic Control (IFAC)
- International Federation of Robotics (IFR)
Topics

- Participants are welcome to contribute written papers, posters, videos, and exhibits on the following topics:
- Architecture Design Oriented to Construction Automation
- Automated Design, Planning, Simulation and Scheduling in Construction
- Automation and Robotisation in Building Construction, Civil Engineering, Tunneling and Mining
- Electronic Business / Commerce in Construction
- Continuous Acquisition and Life-Cycle Support (CALS) in Construction
- Construction Information Management Systems
- Control and Planning of Construction Robots
- Control Systems for Construction Equipment (Cranes, Excavators, Bulldozers, etc.)
- Computer Integrated Construction
- Development of Construction Robots (Manipulators, Mobile Robots, Climbing Robots)
- Economic Aspects of Automatisation and Robotisation
- Emerging Technologies
- Field Robotics
- Man-Machine Interfaces
- Metrology in Construction
- Heavy Material Transportation
- Space Construction
- Underwater Construction
- Case Studies
- New Construction Materials
- Humanoid Robots for Construction
- Sensors and Sensing Techniques
- Teleoperated Robots for Construction
- Inspection and Maintenance Automation
- Environmental Restoration Automatisation
- Automated Warning and Monitoring of Hazardous Situations in Construction
- Automated Response System and Emergency Service for Construction Hazards
- Hazard Management Technology
- Communication Strategy in Disaster Situations
- Knowledge Base and Decision Support for the Reduction of Hazards
- Real-time Response System for Hazard Mitigation

Session Organisers

- Construction Automation I
  Prof. Luh-Maan Chang, changlm@ecn.purdue.edu
  Prof. Min-Yuan Cheng, nyc@hp.ct.ntust.edu.tw
  Prof. Sy-Jye Guo, siguo@ce.ntu.edu.tw
Paper Submission

Extended abstract on 2 double-spaced pages should be submitted to the ISARC 2000 Secretariat (see below). Further information may also be obtained at the ISARC 2000 Secretariat or at the website: http://www.ce.ntu.edu.tw/~isarc17

Important Dates

Submission of abstracts: 15 March 2000
Notification of acceptance: 30 April 2000
Submission of final paper: 30 June 2000
ISARC 2000: 18-20 September 2000

Official Language

The language used at the Symposium will be English.

Video Session

Video sessions related to the topics of ISARC 2000 will be held in parallel with the Symposium.

Panel Exhibition

Panels of automated construction equipment, robots, software packages and related topics will be on display at the symposium hall.

Technical Tours

Technical tours will be arranged during the Symposium.

Contact Address

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