



CIB NEWS ARTICLE

International Council for Research and Innovation
in Building and Construction

Providing a global network for international exchange and cooperation in research and innovation in building and construction, in support of an improved building process and of improved performance of the built environment.

February 2008

Forthcoming Meeting / CIB Co-Sponsored Event



25th International Symposium on Automation and Robotics in Construction (ISARC2008)

Vilnius, Lithuania, 27-29 June 2008

The International Symposium on Automation and Robotics in Construction (ISARC 2008) will be the 25th Jubilee Symposium. The 25th ISARC (ISARC 2008) will be held in Vilnius, Lithuania, from June 27th to 29th of 2008. The first symposium was held in June 1984 at Carnegie Mellon University in Pittsburgh, Pennsylvania, USA. Later symposia from this series were organized and held in France, Israel, Japan, USA, United Kingdom, Germany, Poland, Spain, Taiwan, The Netherlands, South Korea, Italy and India.

The annual ISARC symposia are sponsored by the membership of the International Association of Automation and Robotics in Construction (IAARC). They are a prestigious gathering of researchers, academics and industry practitioners in all specialties related to the construction industry, including civil and building engineering design and project execution, advanced construction machinery and robotics applications in construction, information technologies for planning, design, logistics, computer-aided project management, environmental protection issues, building systems monitoring and control, safety and recovery operations, and temporary/rapid construction technologies.

Conference Themes and Topics

The 25th International Symposium on Automation and Robotics in Construction 2008 will cover five broadly defined areas:

- **Automation & Robotics Applications:**
Papers in this area cover concepts, prototypes and implementation of automation and robotization in planning, construction or maintenance of facilities such as highways, buildings, tunnels, marine works, industrial plants and other infrastructure projects, including disaster management.
- **Robot Technology:**
Papers in this area should cover technology components of construction robots such as sensors, end-effectors, mechanisms, human-interface, control systems, power systems, cooperative robotics, nanobots, planning & control algorithms, etc.
- **Automated Data Acquisition & Monitoring:**
Papers in this area cover concepts, prototypes and implementation of automated data acquisition and monitoring systems for planning, procurement, control, construction or maintenance using technologies such as GPS, RFID, Computer-Aided Imaging, LIDAR, MEMS, wireless sensing, communications and systems for ubiquitous & pervasive computing.

- **Information & Computational Technology:**
Papers in this area should cover the use of information & computational technologies in Architecture, Design, Planning and Management of construction projects. Example topics include, but are not limited to, Databases, Integrated Data Models, nD-CAD, Decision Support Systems, Expert Systems, Virtual Reality, Web Technologies, Intelligent Tutoring Systems, Knowledge Management, Intelligent Agent-based Subcontracting Systems, Optimisation, Artificial Intelligence, Soft Computing, Parallel Programming, Simulation, Mobile Computing, GIS, etc.
- **Management & Social Issues:**
Papers in this area cover managerial & social issues which have to be considered in implementing construction automation and robotics. The problem areas covered can be related to economics, organizational issues, legal matters, intellectual property, web-based project management, e-business, manpower utilization, globalization, competitiveness, productivity, contracts, trade unions, quality, safety, sustainability, culture, etc.

Conference Venue



The City of Vilnius

Vilnius is the capital city of Lithuania, one of the member states of the European Union. It is the most relaxed of all of the Baltic state capitals, and has managed to retain its easy-going provincial charm. A fresh set of shiny skyscrapers marks out the new business district. All the hotels and the restaurants are under professional management. The Old Town of Vilnius, with its amazing baroque and gothic architecture, is on the UNESCO list of world's architectural heritage sites. Vilnius also has a well-deserved reputation as one of the safest and friendliest cities in Europe.

For more information, visit www.vilnius-tourism.lt.

International Conference Centre - Reval Hotel Lietuva



Reval Hotel Lietuva is situated on a beautiful bank of the Neris River in the centre of Vilnius. The hotel features the largest and most modern conference and events centre in Lithuania, and it is within a 10-minute walk from the city's Old Town. The freshly renovated 25-storey hotel features numerous facilities for business, conferences and dining, and offers a warm welcome to international guests.

For more information, visit www.revalhotels.com.

	till April 30 2008	After April 30 2008
Presenter	300 EUR	400 EUR
Co-authors	300 EUR	400 EUR
IAARC Member	300 EUR	400 EUR
CIB Member	300 EUR	400 EUR
Non-Member	400 EUR	500 EUR
Full-time Students	120 EUR	150 EUR

Additional Information

For further information about the conference please visit the designated website at www.isarc2008.vgtu.lt

or contact:



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