ISARC2013.org

CALL FOR PAPERS
ISARC 2013

30th International Symposium on Automation and Robotics in Construction, Mining and Petroleum (ISARC)

August 11 to 15, 2013, Montreal, Canada

Abstract Submission Deadline: October 1, 2012

The ISARC 2013 Program Committee cordially invites you to submit abstracts for oral and poster presentations. You are invited to submit a one-page abstract (Max. 250 words). All authors whose abstracts are accepted (either oral or poster) will then submit a full paper of up to six pages for peer review.

ISARC 2013 will be held in parallel with the 23rd World Mining Congress and Expo. Delegates will have the opportunity to participate in both events, and tap into a larger network of professionals and expertise.

A selection of papers presented at ISARC 2013 will be published in the *CIM Journal*.
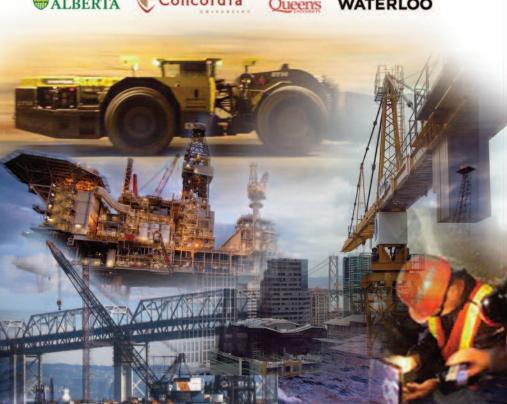
IAARC — CIM ICM Canadian Institute of Mining, Metallurgy and Petroleum — McGill — UNIVERSITY OF ALBERTA — Concordia — Queens — UNIVERSITY OF WATERLOO

TOPICS
apply to the Construction, Mining and Petroleum industries.

Advanced Computing
Advanced Planning Tools
Advanced Surveying and Positioning
Augmented and Virtual Reality
Automated Haulage
Automation and Robotics
Building Information Modeling
Collaborative Design and Construction
Computational Mechanics
Computing for Conceptual Design
Decision Support Systems
Disaster Preparedness, Response and Recovery
Distributed Computing in Engineering
Drill Automation
Ecommerce
Energy Efficiency
Environmental Monitoring
Extreme Environments
Fault Analysis and Control
Fleet Management and Dispatching
Field Robotics
GIS and Spatial Databases
Hoist Control
Human-Machine Interfaces
Instrumentation and Sensors
Management Issues
Materials Handling Systems
Mechatronics
Multi-Vehicle Coordination
Networking and Communications
Novel Mining and Construction Methods
Operator-Assist Systems
Project Information Management
Process Control and Optimization
Real-Time Systems
Reliability and Availability
Remote Mining
Robotic Excavation
Safety
Sensing Technology
Service Robotics
Space and Extreme Engineering Applications
Supervisory Control
Telerobotics