



September 2013

Forthcoming Meeting

W078 - Information Technology for Construction

First Announcement

**31st International Conference on Applications of IT in the
Architecture, Engineering and Construction Industry**



23-25 June 2014, Orlando, Florida, USA

Themes and Topics

Themes and Topics of the conference include:

- Design, Engineering and Analysis
 - Building Information Modeling
 - Collaborative Design and Engineering
 - Computer-Aided Civil and Structural Design and Analysis
 - Computer-Aided Fabrication
 - Design and Engineering Knowledge Management
 - 4D/5D/nD Modeling, Visualization and Simulation
- Novel Engineering, Construction and Management Technologies
 - Automated Approaches in Construction
 - Data Acquisition and Storage
 - Infrastructure Monitoring and Maintenance
 - Intelligent Field Inspection
 - Human Computer Interaction and Visualization
 - Non-destructive Testing
 - Sensor Networks and Instrumentation
- Sustainable and Resilient Infrastructure
 - High Performance and Smart Building Simulation and Analysis
 - Sustainable Building and Construction
 - Life Cycle Assessment and Cost
 - Intelligent Transportation Systems
- Information and Communication Technologies in Facilities Management
- Infrastructure Life-Cycle Management
- Cutting Edge Development
 - AI/Machine Learning
 - Applications of Ontology and Semantics
 - Best Practice of Knowledge Management
 - Data Modeling, Management, and Mining
 - Decision Support Systems
 - Education and Training
 - Managing IT Strategies
 - Multi-Agent Systems
 - Product/Process Modeling
 - Process Modeling
 - Virtual Reality and Augmented Reality.

Important Dates

Paper submissions include:

Abstract Submission	October 14, 2013
Abstract Acceptance	November 4, 2013
Full Paper Submission	December 10, 2013
Paper Acceptance	January 13, 2014
Final Paper Submission	February 10, 2014
Early Registration Ends	March 3, 2014
Last day to pay registration for papers to be included in the proceedings	March 7, 2014
Conference Dates	June 23-25, 2014



Conference Registration

The registration website is now open. Click [here](#) to register.

Early bird before March 10, 2014	\$650
Regular rate after March 10, 2014	\$750
Student rate	\$450

Conference Venue

The conference will be held at the Wyndham Grand Orlando Resort at Walt Disney World.



Workshop on Accelerating BIM Research

In conjunction with the conference a special workshop is being arranged.

Workshop Objectives

Combining repeatable business processes and new research innovations with Building Information Modeling (BIM) technologies promises dramatically improvements to the efficiency of the capital facilities industry. The objective of this Workshop is to accelerate BIM research through the exchange of ideas, data, and tools and reduce the duplication of effort currently required of students and educators to create platforms for research and teaching.

The Workshop was proposed at the 2009 CIB W078 Conference based on the number of papers related to using open standard Industry Foundation Classes (IFC).

The Workshop is tentatively scheduled to be held 25 June 2014, the final day of the Conference.

Benefits to Attendees

Participants of this workshop will be provided access to an international set of contacts, model repositories, model servers, tools, and techniques that can be used to eliminate much of the background effort currently required. This Workshop will facilitate researcher's connections with the open standards community ensuring that research results can be more readily

adopted worldwide. New researchers and graduate students will directly benefit from this Workshop by reducing their start-up time related to the creation of BIM-based data sets and research tools and test beds.

Workshop Presenters

Authors of accepted conference papers in the Building Information Modeling (BIM) and/or Industry Foundation Classes (IFC) tracks/special sessions of the CIB W078 Conference, as well as other internationally recognized researchers, will be invited to submit an extended abstract for consideration as a BIM Workshop presenter.

Accepted presenters will be asked to conduct live demonstrations of their tools, techniques and approaches and interactively demonstrate detailed technical specifications, computer code, and experience to facilitate discussion of shared solutions with the potential to help attendees reduce start-up efforts and improve verification and validation of their research in areas that requires BIM's.

Workshop Fees

All conference participants are invited to attend for \$75 additional fee. Non conference participants are invited to attend for \$150. There is no cost for workshop presenters. Workshop fees include admission to workshop sessions, lunch and morning coffee break.

Workshop Coordinator

Bill East, Bill.W.East@erdc.dren.mil, Engineer Research and Development Center, USA. For additional info, or other inquiries, please contact the organizing committee in care of raymond-issa@ufl.edu.

Additional Information

For further information about the conference visit the designated website [here](#).



For other inquiries, please contact the organizing committee in care of Dr. Raymond Issa raymond-issa@ufl.edu and Dr. I. Flood flood@ufl.edu.

For additional information about CIB W078 contact the Coordinator Robert Amor trebor@cs.auckland.ac.nz.

You can find more information on the activities of CIB W078 [here](#).

