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To be added...



## BEIJING AN ANCIENT CITY



## TSINGHUA ONE OF THE BEST UNIVERSITIES IN CHINA



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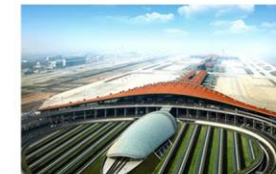
## 30<sup>th</sup> International Conference on Applications of IT in the AEC Industry



## CIB W078 2013

9-12 October, 2013, Beijing, China

Move towards Smart Buildings, Infrastructures and Cities



## BEIJING A MODERN CITY





## INTRODUCTION

The Department of Civil Engineering in Tsinghua University and the International Council for Research and Innovation in Building and Construction (CIB) are pleased to announce the 2013 CIB W78 Conference in Beijing, China. As the 30<sup>th</sup> conference, it is a remarkable milestone for efforts and achievements made in the previous conferences. At the same time, China has achieved great advances on the application of IT in building and construction at a breaking pace. The conference will provide a unique opportunity for the researchers and professionals who are working in the disciplines to come together. It will facilitate them to learn, share and exchange about the latest researches and developments in this fast pace field. Besides, it provides a good opportunity to taste the mixture of the modern facilities and the deep Chinese culture.

## THEME AND TOPICS

The conference theme is *move towards smart buildings, infrastructures and cities*. The conference invites original contributions on creative, practical use cases, and completed research work in progress that address problems and solutions regarding the utilization of computing and information and communication technologies in the civil and building engineering. Contributions are encouraged to cover the broad range from fundamentals, theories, and concepts, to the application of general technologies for the benefit of the civil and building engineering.

### Suggested topics include, but are not limited to:

- 4D/nD modeling
- BIM and its applications
- CAD/CAE/CAFM
- Cloud/distributed/mobile computing in construction
- Communication and collaboration technologies
- Computational mechanics
- Data and information management
- Decision support systems
- Disaster prevention and mitigation
- GIS/GPS/RS
- IFC, IDM, MVD
- Information technologies in construction
- Inspection and monitoring technologies
- Ontology, knowledge management
- Performance-based analysis
- Process/behavior modeling and simulation

- RFID, internet of things
- Smart buildings, infrastructures and cities
- Intelligent transportation systems
- Virtual prototyping/virtual reality/virtual construction

## KEYNOTE SPEAKERS

Eminent figures from academia and industry will deliver invited and keynote lectures at the conference. Details will appear on the conference website soon.

## VENUE AND DATES

The conference will be held on 9-12 October, 2013 in Beijing, China. The venue will be near the National Stadium where the opening ceremony of the 2008 Olympic Game was mainly held, and Tsinghua University.

As one of China's most renowned universities, Tsinghua has become an important institution for fostering talent and scientific research, developing at a rapid pace into an international comprehensive research university. It is also a garden-like university with wonderful scenery.

## REGISTRATION

The registration form will be available from the conference website from **1 July, 2013**.

## LANGUAGE

The official language of the conference is English.

## ABSTRACT SUBMISSION

Authors are invited to submit a plain text extended abstract at the conference website. The abstract should present a concise statement of the scope, principal findings, and conclusions of the paper and must not exceed 300 words. Authors should classify their contributions under one or more of the list of topics. Please submit a plain text extended abstract at:

<https://www.easychair.org/conferences/?conf=cibw782013>

## KEY DEADLINES

### Submission Due Dates

Abstract due: **15 March, 2013 (extended)**

Abstract acceptance due: **1 April, 2013**  
Full paper due: **1 June, 2013**  
Final papers and copyright form due: **20 July, 2013**

### Registration Due Dates

Registration opens: **1 July, 2013**  
Early registration ends: **15 August, 2013**  
Invitation letter for visa: **1 September, 2013**  
Late registrations to include paper in: **15 September, 2013**  
Late registration ends: **20 September, 2013**

### Conference Hotel

Conference hotel special rates end: **9 September, 2013**

## Committees

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