September 2010

Forthcoming Meeting

W078 - Information Technology for Construction

W102 - Information and Knowledge Management in Building

28th International Workshop of CIB W078 “Computer Integrated Construction” jointly organised with the 7th CIB W102 Conference “Information and Knowledge Management in Building”

26-28 October 2011, Sophia Antipolis, France

Background

Convergence, interoperability and integration of ICT are key today to face the increasing complexity of components and systems sustaining the future products and services that will be deployed in the built environment, in a knowledge-based society relying on pervasive information. Increasing regulations, consideration for a sustainable development where buildings have to play a primary role in satisfying societal expectations, the need to improve the competitiveness of the Building industry to drive and stimulate product, service and process innovation and deployment: all those growing priorities are to generate an impact never achieved so far in the Built environment and the Construction processes, while at the same time, will lead in a near future to unprecedented research and business opportunities for innovative companies to deliver ICT-based solutions for the future so-called “smart buildings and cities”, for the benefits of citizens, industry and governments.

This is why the joint organization of CIB W078 and CIB W102 conferences in Sophia Antipolis, France, on the 26-28 October 2011, is to be a unique and exciting event, introducing to the latest broad achievements in research, development, standardisation and industrial implementation of advanced Computing, Information and Communication Technology and Knowledge Management in the Building sector, and providing an ideal forum for future collaborative innovation and creativity.

Conference Topics

The conference topics will include:

- Managing ICT and KM strategies
- Standards and interoperability policies in a web based organisation
- Integral design and knowledge development
- Sensor and automation of construction follow-up
- BIM based product/process modelling
• nD Modeling, visualization and simulation, virtual reality and augmented reality
• eGovernment and Regulation regarding the Building & Construction
• Knowledge management stories in building and construction along the life-cycle
• Performance based & client driven solutions
• Communities of practice and social networks
• Collaborative workspaces and virtual teams for construction projects
• ICT for energy efficient / low carbon buildings and cities
• ICT for facilities management and risk management
• ICT supporting smart buildings – with application to AAL, health in buildings, etc.
• Intelligent appliances and intelligent homes;
• ICT for sustainable and smart districts and cities
• Artificial intelligence and decision support systems in construction processes
• Human computer interaction and socio-organizational issues.

Conference Venue

The conference will take place at the French Riviera, between Nice and Antibes, 15 minutes from Cannes

Important Dates

Abstracts: 31 January 2011
Full Papers: 30 April 2011
Early Registration: 1 May 2011
Conference: 26-28 October 2011

Parallel Workshops

The three workshops at the conference are:
• IDDS addressing CIB's latest pro-active theme on Integrated Design & Delivery Solutions, together with FIATECH recent outcomes and Roadmaps;
• TG80 session - Legal and Regulatory Aspects of BIM;
• Special session of the ITC@EDU series on Education in Construction IT.

Conference Brochure

For information about the program, how to register and the awards download the conference brochure here.

Additional Information

For additional information about the conference visit the designated website at http://2011-CIBW078-W102.cstb.fr or contact the organizing committee Alain Zarli, CSTB and the organisation Coordinator: Bruno Fiès, CSTB at infoconfcib2011@cstb.fr.

For further information about W078 and W102 contact the Coordinators: Robert Amor trebor@cs.auckland.ac.nz and Charles Egbu c.o.egbu@salford.ac.uk.

You can find more information on the activities of CIB W078 / W102 in the online Database “Commissions” see here. In the shown search engine type W078 or W102 in the field “Commission number” and press “Find”.

Proceedings

All accepted papers will be published in the workshop proceedings book, under an ISBN reference. In the near future they will also be referenced into the ICONDA and SciX databases.