



## 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.

June 2009

### Forthcoming Meeting

#### W104 - Open Building Implementation

## 16<sup>th</sup> International Conference on Open and Sustainable Building

17-19 May 2010, Bilbao, Spain

The 16th International Conference of the CIB Commission W104 Open Building Implementation with the theme "Open and Sustainable Building", and organized jointly with Tecnalia, will take place on 17-19 May 2010 in Bilbao, Spain.

#### Venue

The Conference is being held at the Euskalduna Conference Centre and Concert Hall [www.euskalduna.net](http://www.euskalduna.net) in Bilbao. Inaugurated on February 19th 1999, this is a unique building and one of the flagships of the new Bilbao of the 21st century.



Although The Euskalduna Conference Centre and Concert Hall is in the city centre it is also a few minutes away from the airport and boasts convenient connections to highways, railways and seaports. Nearby are some of the major museums of Bilbao (the Guggenheim Museum, the Museum of Fine Art, the Ría de Bilbao Maritime Museum), as well many hotels, shops and restaurants, all within walking distance.

#### Language

The language for the Conference is English with simultaneous translation (Spanish to English, English to Spanish).

#### Aims and Objectives of the Conference

This conference is one of a series held around the world in recent years focused on developments in the building industry related to new realities in the built environment. These developments are occurring in support of two major societal objectives: 1) an adaptable – and thus sustainable - building stock and, 2) a more user-centered process of design and construction. A process formerly restricted to office buildings and shopping centres is now becoming mainstream in housing and health care facilities. That is, one party constructs a base building, in such a way as to define architectural and urban character, interior public spaces and circulation, and primary utility system pathways. These "open" buildings are fitted-out unit-by-unit initially and over time by other parties, to meet the individual (and changing) preferences of inhabitants "behind their front doors". "Private" infrastructure of each unit of occupancy connects to the "public" infrastructure of the base building.

These developments – which are happening internationally - are spawning new kinds of businesses, the development of new products and management tools, and the introduction of new regulations and financing tools to match. This conference will examine the changing roles and methods of knowledge management, new architectural design concepts, and evolving technical solutions accompanying this new reality.

#### Short Introduction of CIB W104

CIB Working Commission W104 was formed in 1996. Members come from many countries including the USA, the Netherlands, the UK, Finland, France, Japan, Korea, China, Taiwan, Mexico, Brazil and South Africa.

The Commission's purpose is twofold. First, it documents developments toward open building

internationally. Second, it stimulates local implementation by disseminating information and by holding international conferences at which government and university researchers, practitioners and others exchange information and support local initiatives. These activities focus largely on the technical and methodological aspects of residential open building. There are continuing exchanges between colleagues in the less developed countries and developed countries, but the dominant focus was on the latter.

Between 1996 and 2008, the commission met 14 times, sometimes with other CIB Commissions, in Delft, Tokyo, Taipei, Washington, DC, Mexico City, Brighton (UK), Helsinki, Paris, Hong Kong, and Muncie, Indiana (USA). Each conference has produced a published book of proceedings, containing a total now of over 300 peer-reviewed papers.

### Short Introduction of Tecnalia



Tecnalia is a private, independent and internationally recognized Technology Corporation created within the Basque technology environment. It includes the following Technology Centres: Azti, Cidemco, European Software Institute (ESI), Fatronik, Inasmet, Labein, Neiker, Robotiker. Some facts about Tecnalia:

Tecnalia's mission is to offer value and wealth to society in general, and to the business community in particular, by means of research and innovation. Its operation model is based on sector-based business units. The market focus and our specialisations are our identify signs. Its business units are made up of multidisciplinary teams. These units optimise offers to the various strategic sectors, allowing them to offer more comprehensive, specialised and excellent services for business and government.

The fields of activity in which building research is applied range from proposals aimed at the manufacturers of materials through the use of nanotechnology to satisfying the needs of local leaders as regards saving our heritage, to support offered to new businesses related to industrialisation and energy in building.

### Topics for Papers

Prospective authors are invited to submit abstracts of 500 words, maximum, (in English) before **September 4, 2009**.

The abstracts should include the title, body of the text, and keywords. On a separate cover sheet, authors'

names, paper title, affiliation, and contact details must be provided.

Abstracts are invited in the following broad areas:

- Market size, segmentation and demand for adaptable or open buildings.
- Case studies: successful past attempts at procuring change-ready buildings.
- Implications of open building procurement for stakeholders involved, design & construction process, and facilities management knowhow.
- Base building architecture: interior public space and facades as architectural issues.
- An Infill industry: a new business entity to meet the demand for variable fit-out.
- New technical products and processes to make open building work effectively.
- Economic studies of open building processes and results.
- Knowledge and design management in open building implementation.
- Incremental housing in developing societies: working with inhabitants in open building processes.
- Change-ready hospitals – open building in the healthcare sector.
- Open-building for ageing people.
- Cost efficient upgrading for energy efficiency through adaptable, open buildings.

### International Student Competition

An international "Open Building" student competition will be held in association with the Congress. Currently enrolled students are invited to submit design proposals, to be judged by an international jury of industry leaders. Cash awards and stipends to support travel to the Congress will be granted to the top entries. Winning entries will be published in the conference proceedings.

Instructions for submitting abstracts, papers and student competition entries can be downloaded [here](#).

### International Scientific Committee

Prof. Dr. Stephen Kendall, Ball State University, USA  
 Prof. Dr. Beisi Jia, University of Hong Kong, China  
 Prof. Dr. Kazunobu Minami, Shibaura Institute of Technology, Japan  
 Prof. Dr. R.P.Geraedts, Delft University of Technology, The Netherlands  
 Additional members to be determined.

### National Organizing Committee

Dr. Javier Urreta Director of Tecnalia Construction  
 Ms. Azucena Cortés, Manager of Sustainable Building and Built Environment  
 Mr. Juan Pérez, Head of R&D for Innovation in Construction Processes

Dr. José A. Chica, Head of Industrialised Construction  
Additional members to be determined.

### Key Dates

Early Registration: **1 Sept. 2009**  
 Deadline for the submission of abstracts: **4 Sept. 2009**  
 Notification of abstract acceptance: **25 Sept. 2009**  
 Manuscript submission deadline: **8 January 2010**  
 Notification of final acceptance: **1 February 2010**  
 Submission of revised manuscripts: **1 April 2010**  
 Deadline for conference fee for authors **15 April 2010**  
 International Congress: **17-19 May 2010**

### Registration Fees

	Received before Sept. 1st, 2009	Received after Sept. 1st, 2009
Participants	350 €	450 €
Lecturers, presenting authors	200 €	300 €
Student competition winners	0 €	0 €

- For the presenting authors (one per paper), the conference fee is reduced. At least one author of each paper is expected to be present at the Congress.
- Conference registration fee includes a delegate information pack, Congress proceedings, lunches and coffees.
- Registration fees should be paid to (see details on [www.labein.es](http://www.labein.es))
- Upon receipt of your registration form and payment, the secretariat will send you a receipt of payment. The receipt should be presented when registering at the Conference.
- Cancellation should be made to the secretariat with a written notice. Refunds will be available with a 15 percent cancellation charge before January 15th, 2010. No refunds will be provided after January 15th, 2010.

### Discount for CIB Members

CIB Members will pay a reduced rate for registration.

### Additional Information

For further information about the conference and how to register please visit the designated website [www.labein.es](http://www.labein.es)

or contact

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For additional information about the CIB W104 meetings please contact the Coordinators: Stephen Kendall [skendall@bsu.edu](mailto:skendall@bsu.edu), Beisi Jia [jia@arch.hku.hk](mailto:jia@arch.hku.hk), and Kasunobu Minami [k-minami@sic.shibaura-it.ac.jp](mailto:k-minami@sic.shibaura-it.ac.jp).



You can find more information on the activities of CIB W104 at [www.cibworld.nl](http://www.cibworld.nl) - Databases - select "Go to Database" - in the shown search engine: type W104 in the field "Commission number".