PROCEEDINGS OF THE
THIRD INTERNATIONAL CONFERENCE ON
CONCURRENT ENGINEERING IN
CONSTRUCTION

Iris D. Tommelein, Editor

1-2 JULY 2002
Aims of the Conference

The aim of the conference is to engender Concurrent Engineering thinking and practices within the architecture/engineering/construction industry. The conference is to provide an international forum for researchers and leading experts from various disciplines to exchange ideas and disseminate information on latest developments in Concurrent Engineering.

"Concurrent engineering is a systematic approach to the integrated, concurrent design of products and related processes, including manufacture and support. This approach is intended to cause developers, from the outset, to consider all elements of the product life cycle from conception through disposal, including quality, cost, schedule, and user requirements" [Winner et al. 1988]

Conference Themes

The overall conference theme is "Concurrent Engineering in Construction" but this covers many subjects. Topics of interest for presentation and discussion include but are not limited to:

- Foundations and principles of CE
- Process and enterprise modeling
- Information management & technologies
- CE environments
- Applications and tools
- Industry case studies and experiences
- On-going and recent research projects CE
- Methods and Tools for Teaching Concurrent Engineering
Background

The First International Conference on Concurrent Engineering in Construction - CEC97 - was hosted by the Institution of Structural Engineers and held in London, UK, in 1997.

A group of researchers established CIB Task Group 33 in February 1998 to further pursue the theory and practice of concurrent engineering in construction. TG33 is part of CE-NET, the Concurrent Engineering NETwork of excellence. The TG33 website is posted at http://cic.vtt.fi/cib_tg33/index.html.

The Second International Conference on Concurrent Engineering in Construction - CEC99 - was organized by CIB TG33 and VTT and held in Espoo, Finland on 25-27 August 1999. The conference website still is available at http://cic.vtt.fi/cec99/ and it includes conference abstracts.

Organizing Committee

- Iris D. Tommelein, University of California, Berkeley, CA, USA
- Chimay J. Anumba, Loughborough University, UK
- Matti Hannus, VTT, Finland

International Technical Advisory Board

- Luis F. Alarcon, Pontificia Universidad Catolica de Chile, Santiago, Chile
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- Sherif Mohamed, Griffith University, Gold Coast QLD, Australia
- Feni Pena Mora, MIT
- Raimar Scherer, TU Dresden, Germany
- Ziga Turk, University of Ljubljana, Slovenia

Members of the Organizing Committee and members of the International Technical Advisory Board handled the single-blind peer review process of all submitted papers.
On-line Conference Proceedings

The conference website address is http://www.ce.berkeley.edu/~tommelein/concur02. A conference agenda and on-line abstracts will be posted on this page.

Acknowledgments

I owe many thanks to all authors, reviewers, conference co-organizers, and participants for making this conference a success.

Iris Tommelein, Editor
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