

CIB World Building Congress 1998



Gävle, Sweden

7 - 12 June

CONSTRUCTION AND THE ENVIRONMENT

Arrangements are moving forward fast for next year's triennial congress and the ambitious programme is beginning to look more and more attractive.

We plan to include news on the latest developments in every issue between now and the dates of the congress.

To begin with: the status of the CERF/CIB International Research Symposium

Engineering and Construction for Sustainable Development in the 21st Century Part II

This news is provisional

Harvey Bernstein on behalf of CERF reports:

There have been further developments in CERF's role with the 1998 CIB World Building Congress in Sweden. First, Bernard Charlès, President of Dassault Systems, has agreed to give the keynote speech during the session immediately following lunch on Monday 8 June 1998. Dassault will arrange for Silicon Graphics to wire the new Opera House in Gävle where the opening day programme, organised by CERF, will be held in order for Bernard to demonstrate Dassault's latest system through a virtual reality demonstration.

The following is the current agenda for the CERF's session on Monday 8 June 1998:

- 08.30 - 10.00 CIB Opening Ceremony
(Royal family invited)
- 10.00 - 10.30 Coffee break
- 10.30 - 11.45 CERF Opening Speeches: Luther Graef,
Harvey Bernstein, Steve Mitchell,
John Robinson
- 11.45 - 13.00 Buffet Lunch in Opera House glassed
foyer area & outside
- 13.00 - 13.30 Bernard Charlès' Dassault Speech/Virtual
Reality Demonstration
- 13.30 - 14.30 Industry Stakeholders' Panel Discussion
- 14.30 - 15.00 Coffee break
- 15.00 - 16.00 CIB Researchers' Panel Response to
Industry
- 16.00 - 16.45 Industry/Research Cross-Fire Discussion
- 16.45 - 17.15 Concluding Remarks and Challenges
to Attendees

The format for the panel discussions will be as follows. The industry panelists will represent stakeholders from one of the following areas: owners, constructors, manufacturers, designers, and/or financiers. The industry panel will be moderated by John Robinson, Managing Partner of Black & Veatch. The panelists will take approximately five minutes each to state their corporate vision for a sustainable future as it relates to construction and the environment, highlight their company's vision, and touch upon future priorities, gaps perceived, and the need for researchers to focus on and find ways to meet the industry's needs. Following the brief remarks by each panelist, they will discuss their perspectives with each other and take questions from the audience. The second hour will be similar in format, but from the researchers' perspectives. John Duncan, Manager of Building Industry Research at the Building Research Association in New Zealand and Chairman of CIB's Programme Committee, will moderate the second panel discussion. The next forty-five minutes will enable a cross-discussion between the industry leaders and researchers. This session will set the stage for various workshops throughout the week while meeting CIB's objective to develop an agenda for the next century.

In addition to receiving a confirmation from Bernard Charlès to speak as noted above, Per Westlund, Executive Vice President from Skanska AB has agreed to be the constructor panelist at the Sweden conference. We are still working on getting three more panelists.

Harvey Bernstein

THIS LISTING IS PROVISIONAL

The Technical Symposia - What Can You Expect?

Already considerable interest has been generated in the four Parallel Symposia which are scheduled for Tuesday 9th June 1998 up to lunch time on Thursday 11th June 1998.

These four Symposia are:

- "Materials and Technologies for Sustainable Construction" in cooperation with RILEM
- "Indoor Climate and Sustainable Development - Are they Compatible?" in cooperation with ISIAQ and IEA
- "Legal and Procurement Practices - Right for the Environment"
- "Managing Sustainability - Endurance Through Change"

Contributions are of course still being sought for these Symposia but by way of an interim report on one of them, information is given below on a selection of Abstracts which have been submitted for the Symposium on Indoor Climate and Sustainable. We shall do this for the other Symposia in subsequent issues.

Remember: At this stage the listing is not finalised!

- Building Materials' Source Control (Anne Aikivuori, VTT Building Technology, Finland)
- Healthy and environmentally compatible building materials, report on a German project (Erhard Mayer, Fraunhofer-Institut für Bauphysik, Germany)
- Assessment of energy conservation measures suitable for retrofitting residential buildings in Kuwait (Fatouh Al-Ragom, Research Associates at Kuwait Institute for Scientific Research, Kuwait)
- Energy and IAQ assessment by microanalytic simulation (Tommy Waller, Royal Institute of Technology, Sweden)
- Cost efficiency and financial feasibility of retrofitting with heat insulation of existing buildings in Istanbul (Nil Sahal, Istanbul Teknik Üniversitesi, Turkey)
- Humidification and health in commercial buildings (Gary Raw, Building Research Establishment, United Kingdom)
- Enhanced fabric thermal storage (Raymond Ogden, Oxford Brookes University, United Kingdom)
- Transparent double envelope integrated with HVAC plant for non domestic buildings: performance and economic evaluation (Sergio Croce, Politecnico di Milano, Italy)
- Numerical and experimental analysis of the thermal performance of well-insulated windows (Ulf Larsson, University College of Gävle/Sandviken, Sweden)
- Development of new thermotropic materials for window shading (H. Goedeke, Fraunhofer Institute, Germany)
- Learn from the building traditions - incorporate passive techniques and the building mass in the control policy (Engelbrekt Isfält, Royal Institute of Technology, Sweden)

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