

1999 International Science and Technology Conferences

Technology in Transition: Mastering the Impacts

This Conference is co-sponsored by CIB

25 - 30 June 1999

**The School of Architecture
University of Montreal, Canada**

It brings together the 1999 American Association of Collegiate Schools of Architecture (ACSA)/CIB Technology Conference (25-27 June), together with the Construction Materials and Technology Institute (27-30 June), the 1999 Architecture Research Centers Coalition (ARCC) Spring Research Conference and the Society of Building Science Educators 1999 Meeting.

Conference Themes

The opportunities and constraints within which architecture is practised, experienced and taught is already in a state of transition, as it is rocked by organisational, legal and technical change. This conference provides an unique occasion to assess the positive impact of technological change: a mastery of techniques is seen as a privileged way for the architect to lead the building industry once again - as it moves into the next century.

The chosen theme suggests that transition takes place between the past and the future; this transition must benefit from what is best in the past and use it constructively as the future is 'designed'.

Three sub-themes are proposed:

- Architectural design and the building industry: this sub-theme provides a platform to discuss the technical resources of industry and their potential as a 'palette' for the knowledgeable architect - particularly through their influence on what a building is 'made of'.
 - Invisible technology in design: this sub-theme provides a platform to elaborate on contemporary design and building processes and how they influence the way designing for effective building is carried out. This sub-theme also enables the relationship between technology and organisational design to be explored.
 - Information technology (IT) and design: this sub-theme provides a platform to explore how design can 'digest' IT and conversely how IT properly affects the design process. This sub-theme is an opportunity to look into the cognitive and practical aspects of IT in design - as it is practised today and maybe tomorrow.

CALL FOR PAPERS AND DEMONSTRATIONS

Papers are invited that address these themes from any of the following points of view:

- identification and description of pertinent techniques and their transfer to building;
- research into and development of new materials and techniques;
- the impact of technical resources on the satisfactory use of buildings;
- the relationship between techniques and sustainable development;
- the development of both original and well-tested methods of transmitting knowledge about technology to students.

Proposals for hands-on workshops or demonstrations of techniques/methods pertaining to any of the conference sub-themes are also welcome. In addition, papers addressing current research in other areas

may be submitted to the ARCC Spring Research Conference and to the SBSE Meeting.

SUBMISSION REQUIREMENTS

Authors are required to submit five copies of both a complete draft of their paper (3,000-4,500 words max.) and a concise 250-word abstract. Papers should be submitted in one of the listed sub-themes (authors may not submit identical proposals to more than one sub-theme) or, in the case of ARCC or SBSE participants, in an area clearly defined by the authors.

All materials should be submitted in an 8 1/2" x 11" or A4 format; text should be double-spaced; graphics should be high quality productions, also in an 8 1/2" x 11" or A4 format. Submissions should be prepared for "blind" jury review: the paper title and topic category should appear on the abstract and the first text page; no other identification may appear on any page of the primary document. All submissions must be accompanied by one cover sheet with the title and topic category, author name(s) and affiliation(s), postal and e-mail addresses, telephone and fax numbers, and the main author's signature which serves as an agreement to submit a final work in ACSA format for the proceedings. Faxed submissions will not be accepted.

SUBMISSION SCHEDULE

All submissions must arrive at ACSA at the beginning of 1999.

Mail all submissions to:

ACSA Technology Conference
1735 New York Avenue N.W.
Washington, DC 20006, USA.

Notification of paper, and project selections will be mailed to main authors by 8th March 1999. In order for selected papers or projects to be presented at the conference and published in the conference proceedings, final material in standard ACSA format must be received no later than 19th April 1999.

ADDRESSES FOR FURTHER INFORMATION

Questions regarding the themes of the Conferences may be addressed to the Chair:

Colin Davidson

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Fax: +1.514.343 2455

E-mail: davidsoc@ere.umontreal.ca

or to coordinators of ARCC and SBSE.

Questions regarding submission requirements, registration and other administrative issues should be addressed to:

ACSA

Telephone: +1.202.785 2324

Fax: +1.202.628 0448

E-mail: acsanatl@aol.com

or see up-to-date information on

ACSA web page at:

www.acsa-arch.org

CONTEXTUAL INFORMATION

1. Note that the Montréal International Jazz Festival 1999 coincides with the end of the Conferences!

2. The local organisers will be recommending on-campus and also good hotel accommodation with bulk rates for attendees.
3. Watch these Internet pages for program updates.