

ASCE TCCP
DATABASE AND INFORMATION MANAGEMENT COMMITTEE
MINUTES OF COMMITTEE MEETING

Wednesday, May 19, 1999, 10:30 CDT
Teleconference

ATTENDEES: (4)

Osama Y. Abudayyeh, Western Michigan University, abudayyeh@wmich.edu
Thomas Froese (TF), University of British Columbia, tfroese@civil.ubc.ca (Secretary)
Francois Grobler (FG), USACERL, f-grobler@cecer.army.mil (Chair)
Yung-Ching Shen, Keane Inc., shenyc@rpi.edu

1. COMPUTING CONFERENCE 2000

The Next Computing Conference is the 8th International Conference on Computing in Civil and Building Engineering (VIII-ICCCBE) <<http://pbl.stanford.edu/cce2000.html>>.

Currently the schedule shows the following important dates:

June 1 - session proposals due.
June 31 - extended abstracts due.
Oct. 20 - notification of abstract reviews
March 1 - final camera-ready paper.

Sessions proposed by the DIM committee include the following:

- a. E-commerce in AEC, proposed by Simeon Simoff
- b. Data mining and discovery, proposed by Simeon Simoff
- c. CIFE Workbench, proposed by Thomas Froese and Martin Fischer
Papers and system demonstration relating to the CIFE Workbench Project, a project to integrated several research decision support systems, commercial project management systems, and advanced collaborative human-computer interaction approaches using emerging industry data standards and internet technologies. Proposed papers:
 - Fischer et al. Approaches and Benefits of Integrated Systems in Construction
 - Froese at al. Technical Solutions for Systems Integration In Construction.
 - (Authors to be determined), Advanced Human-Computer Interfaces for Construction
 - Software Demonstration

d. Roundtable Forum on the International Alliance for Interoperability (IAI) and the Industry Foundation Classes (IFC) proposed by Francois Grobler. The purpose is to critically examine the models accepted by the IAI in relation to AEC industry needs.

e. Tutorial and Demonstration of IAI software, proposed by Francois Grobler. This will be at tutorial to familiarise potential users of IAI compatible software with the underlying concepts, and to demonstrate the available commercial software.

f. IT for Infrastructure Lifecycle Management, proposed by Francois Grobler and Yung Shen. This session will draw from papers published in the JCCE Special Issue on IT for Infrastructure Lifecycle Management and focus on practical applications accessible by practitioners.

Committee members who wish to submit session proposals can do so until May 31. (Please follow the format instructions provided in the CFP distributed several weeks ago and email to Francois Grobler). FG will compile the committee sessions and submit to the Program Committee on June 1.

2. SPECIAL ISSUE OF THE COMPUTING JOURNAL

Co-editor Yung-Ching Shen reported good progress on the Special Issue *Information Technology for Life-cycle Infrastructure Management*. The Call for Papers went out around October 1998. A total of 24 abstracts/papers were received. These submissions have all been reviewed for the scope and relevance to the Special Issue theme, and the authors have been notified of the review results. No abstract was rejected as out-of-scope, but suggestions were provided to authors to foster appropriate focus. Full paper submissions are due by July 31, followed by a normal peer review process. As a committee activity all members of the DIM committee will be expected to conduct the paper reviews, and FG and the editors will contact and send information to the membership soon. LS and YS will proceed with arrangements for review forms and guest editorials.

3. ASCE NEWS ARTICLE

The DIM committee is responsible for an ASCE News article due May 24. FG will prepare with information on the Special Issue, the Conference arrangements, and our next committee meeting (see below).

4. ONGOING ACTIVITIES

Our major current activity is the Special Issue. We also have an ongoing project to develop Taxonomy of IT in AEC topics to use for classification of research needs and efforts.

5. NEW ACTIVITIES

FG discussed the potential of organizing an informal "meta-organization" of groups involved in IT for AEC for the purpose of identifying related effort. This might be associated with a web site for tracking such information, organized by the Taxonomy (see 4.). TF mentioned that he is developing a system that could facilitate a user-supported and maintained web site as was proposed. TF and FG will look into an initial set-up of such a web site.

Committee members are invited to propose activities of interest to them.

The Committee is required to update its Strategic Goals statement by Aug. 31. FG will distribute material by e-mail over the summer.

A committee meeting is tentatively planned for the next Construction Congress in Orlando, Feb. 20-22, and at the Computing Conference in Stanford in August 2000.

MEETING ADJOURNED

MINUTES SUBMITTED: TF (secretary), FG (Chair), May 21, 1999