

**Minutes from the Meeting of the Committee on Emerging
Computing Technologies
April 5th, 2002, 6:30 pm – 8:30 pm
2002 Structures Congress & Exposition
Denver Marriott City Center Hotel, Denver, Colorado, USA**

Committee members in attendance:

- Graham Archer, (Purdue University)
- Paul de Paoli (Engineering Investigations & Testing)
- Eduardo De Santiago, *Secretary* (Illinois Institute of Technology)
- Elisa D. Sotelino, *Chair* (Purdue University)
- Božidar Stojadinovic (University of California–Berkeley)
- Colby Swan, *Vice–Chair* (University of Iowa)

Visitors in attendance:

- Asghar Bhatti (University of Iowa)
- Manuel A. Diaz (University of Texas–San Antonio)
- Chris Foley (Marquette University)
- Kincho H. Law (Stanford University)
- Chris Luebke (ARUP)
- Bob McGill (Optiframe)
- Valmichael Leos (University of Texas–San Antonio)

1 CALL TO ORDER

The meeting was called to order at 6:40 pm by Elisa Sotelino who chaired the meeting. All members and guests in attendance were introduced.

2 MEETING AGENDA

Elisa Sotelino proposed an agenda for the meeting which was approved by all members in attendance.

3 MINUTES OF PRECEDING MEETING

Minutes from the preceding ECT Committee meeting (May 21st 2001, Washington) were approved by those in attendance.

4 STATUS REPORT

4.1 Report of the FY02 Technical Activity Report

The meeting of the Technical Activity committee was to be held on April 6th, 2002 therefore no report was given at the ECT committee meeting. Elisa Sotelino submitted a report of the ECT committee activities to the Analysis and Computation committee, which is the parent committee to ECT. The ECT committee currently has 10 members. John Baugh, who served as associate editor of the ASCE journal for the committee, reported that 2 papers related to ECT had been accepted, 1 declined, and 2 were under review.

4.2 Technical sessions in the 2002 Structures Congress

ECT Sponsored two technical session at the 2002 Structures Congress on:

1. *Information Technology and Structural Engineering Education*, co-chaired by Elisa Sotelino and Colby Swan. The session was a panel discussion attended by approximately 40 people.
2. *High Performance Computing* chaired by Elisa Sotelino.

5 CURRENT BUSINESS

5.1 Technical sessions for 2003 Structures Congress, Seattle

Two technical sessions proposed by the ECT committee have been approved for the 2003 Structures Congress in Seattle. The two are:

1. *Information Technology and Structural Engineering* to be co-chaired by Ian Smith (Swiss Federal Inst. of Technology) and Elisa Sotelino.
2. *Computer Simulation of Structural Applications* to be chaired by Elisa Sotelino.

In addition, ECT will be sponsoring a workshop on information technology and structural engineering education in the 2003 Structures Congress.

6 NEW BUSINESS

6.1 New Members

The committee reviewed the application of Dr. Zongmu Wang who is applying for membership to the ECT committee. The consensus was that Dr. Zongmu Wang be approved as a new member of the committee. All members were also asked by the Chair to increase recruitment efforts for new members of the committee to replace some of the outgoing members. Currently there are 10 members in the committee.

6.2 Sessions for 2004 Structures Congress

The following topics were discussed as potential technical session themes for ECT sponsorship at the 2004 Structures Congress:

- Information Technology in the workplace (Chris Luebke)
- Risk Management (Bob McGill)
- Emerging Practice (Chris Luebke)
- Emerging Hybrid Simulation Technology (Božidar Stojadinovic)

All members are encouraged to submit other suggestions. The deadline for session proposals is October 31st, 2002.

6.3 New initiatives

An associate editor is needed to propose a special issue of the ASCE journal. The special issue may also be done by organizing a group of reviewers from the members of the committee.

7 ANNOUNCEMENTS

Elisa Sotelino will be stepping down as chair of the committee due to term limitations. Colby Swan will be taking over as the new chair for the committee and Eduardo De Santiago will take on the responsibilities of vice chair.

A tentative meeting time for the next ECT meeting in the 2003 Structures Congress has been set for Saturday morning.

8 ADJOURNMENT

The meeting was adjourned at 8:10 pm.

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