

ASCE/SEI Shock and Vibratory Effects Committee Meeting Minutes
Denver Marriott City Center Hotel, Denver, CO.
Thursday April 4, 2002

Meeting called to order at 6:30 p.m.

1. Committee members and visitors in attendance

Members

Joseph Tedesco, Chair	University of Florida
Barry Rosson, Associate Editor	University of Nebraska
Gary Consolazio, Control Group Member	University of Florida
Abhinav Gupta	North Carolina State University
Ken Morrill	Karagozian & Case

Visitors

Ted Krauthammer	Pennsylvania State University
James Baylot	US Army ERDC
Paul Mlakar	US Army ERDC
Mark Williams	University of Florida
Nick Jones	Johns Hopkins University

2. Report of the Associate Editor

Barry Rosson, Associate Editor, presented his report on the papers submitted to the *Journal of Structural Engineering*. His report is attached. The summary results for the twelve month period from April 1, 2001 through March 31, 2002 are as follows:

Papers received for review	29
Reviews completed	25
Accepted	9
Declined	16

The acceptance rate is approximately 36%, with an average turn-around time of three months.

3. Review of technical sessions

2002 Structures Congress

“Practical Aspects of Blast Resistant Design and Retrofit” organized by Jimmy Baylot. Jimmy later reported that there were 25 in attendance at the session. This is excellent considering that the session was scheduled for 3:30 to 5:00 pm on the last day of the Congress.

Members of the committee expressed their displeasure at not being aware of sessions related to blast loading and design that are organized by others outside the SVE committee. All future sessions should be coordinated by the committee chair for approval before being sent to the

Structures Congress Steering Committee. (Nick Jones, Chair of Dynamic Effects, attended the meeting later and was notified of our concerns. He promised to follow-up on the matter with SEI ExComm and will report back to Joe.)

2003 Structures Congress

One session was submitted, but the Abstracts were due April 1st and only one was received as of April 4th. The proposed session and organizer is:
“Designing and Evaluating Structures for Protection from Terrorists Threats” organized by Jimmy Baylot.

4. Session topics for 2004 Structures Congress

The call for sessions will be arriving soon. The deadline will be in November 2002. The committee was reminded to start thinking about sessions now. Abhinav indicated he would be interested in developing an “Underground Utilities” session.

5. Update on *Task Committee Report*

Paul reported on the sales of *Structural Design for Physical Security - State of the Practice Report*. As of April 2002, the inventory is 258 out of 1,000 books printed. The committee felt that the book could sell for more than \$18/book, especially after September 11th. Joe will ask what dollars are coming back to SEI and the committee from the sale of this book.

6. Update on *Task Force on WTC and Pentagon*

Paul gave a brief report on his activities related to the Task Force investigating the Pentagon attack. An extra session was added to the Structures Congress (April 5th, 5:30 p.m.) to discuss the WTC, Pentagon and the fire aspects of both. Approximately 80% of the Task Force report is complete. By the end of the month it should be ready for publication by ASCE. The report will be available free-of-charge.

7. Special Issue of *Journal of Structural Engineering*

A special issue on the magnitude and effects of shock and impulsive loadings for the *Journal of Structural Engineering* will begin this year. Joe handed out a draft letter to solicit potential authors for the issue (see attached letter). It is anticipated that the special issue will be published in November 2003. Approximately 15 accepted papers are needed for the issue. Joe and Barry will be in charge of the coordination of reviews and the communication with Johanna Reinhart and Jackie Perry at ASCE Journals Production Services Department.

8. Committee web site

Gary presented a color handout of the Shock and Vibratory Effects Committee web page (see attached). A link to Ted's web site at Penn State will be added and private information pertaining to committee business can be added that is password protected. The committee was asked to

submit items to Gary for posting to the web site. It is currently on a server at the University of Florida and can be accessed at <http://www.ce.ufl.edu/sveweb/>

9. Related Activities

SAME National Symposium on Comprehensive Force Protection

Ted reported that this symposium was very well attended, mostly with government employees. However, the venue at the Citadel was too large with people in the back not able to see.

Second MIT Conference on Computational Fluid and Solid Mechanics

Joe is on the Steering Committee for the Second MIT Conference (see attached). The First Conference was very successful with a broad array of topics related to computational mechanics. There are approximately 200 fellowships available for graduate students to attend the conference for free next year. Joe and Gary are organizing two sessions on "Advances in Computational Structural Dynamics" and Jimmy is also organizing a session on "*Computational Structural Mechanics Research in the Department of Defense*". Short papers are due September 30, 2002.

10. Committee membership

Joe distributed a copy of the latest committee roster. There are 18 members on the committee. Jimmy Baylot, Ted Krauthammer and Paul Mlakar rotated off the committee September 30, 2001. They were asked to resubmit their names for membership since Kevin Hager, David Dinehart, Hector Estrada, Kirk Marchand, and Charles Welch are scheduled to rotate off the committee September 30, 2002. Joe will email the inactive members to see if they are still interested in serving on the committee.

Meeting adjourned 8:30 p.m.