

Minutes
Blast Shock and Vibratory Effects Committee
April 26, 2008; 5:00 – 8:00 pm
Stanley Room, Hyatt Regency Vancouver
655 Burrard Street,
Vancouver, British Columbia, Canada V6C 2R7

Attendance:

Members

S. Marjamishvili
J. Weathersby
J. Baylot
G. Consolazio
A. Braimah
W. Zehrt
P. Mlakar
T. Krauthammer

Visitors

E. Williamson
L. Bing
B. Faust
B. Steed
J. Chan
H.S. Lew

Ted Krauthammer opened the meeting at 5:00 pm, and the following activities took place:

1. Introduction of committee members and visitors
2. Approval of minutes of 2007 Congress – The 2007 Minutes were approved
3. Committee membership – Krauthammer reviewed the current status of committee members, and planned members rotation, as required by ASCE guidelines.
4. Report of Associate Editor and discussion of paper reviews (Gary Consolazio, transition to Shalva Marjanishvili)

Consolazio briefed the following on paper reviews by the Committee:

A total of 21 papers were handled: Two papers were accepted (10%), nine papers were declined (43%), three were recommended for re-review (14%), four were recommended for publication as technical notes (19%), and three were transferred to another ASCE journal (14%). Of the 21 papers, five were on blast (24%), four were on impact (19%), seven were on vibrations (33%), two were on general dynamics (10%), and three were on other topics (14%). Although half of the papers were on vibrations and general dynamics, it is not clear which committee should handle such papers. It was recommended that the Editor and Assoc. Editors will have to decide.

The committee discussed issues related to the review process; e.g., should the re-reviews be done by the original reviewers? It was agreed that it would be best to do that.

5. Review of Technical Sessions 2008:

The following sessions were organized by this Committee, and all were very well attended.

Blast Resistant Buildings in Petrochemical Facilities, S2 - Bill Bounds, about 50 persons, one paper was added by staff.

Innovative Methods for Blast and Progressive Collapse Mitigation, S4 – MohammedEttouney, about 120 persons, one unrelated paper.

Global Building System Behavior Under Abnormal Loading Events, S6 - Bob Smilowiz, about 40 persons, only two papers. Originally had four papers but the two Canadian presenters backed out and could not find substitutes. The remaining two presentations were expanded to fill the time, and encouraged audience participation. Overall, very interactive and very successful.

Impact Tests for Constitutive Models Analysis and Computation, S8 - Ted Krauthammer, about 20 persons, two papers did not fit.

Development and Validation of Advanced Modeling Methods for High-Rate Loadings, S9 - Jimmy Baylot, about 15 persons, one paper did not fit.

It was agreed that ASCE staff members should not add papers to full sessions, since it requires to allocate less time to speakers, and that the added papers may not fit well with the planned program. Williamson noted that organizers for the next Congress will try to prevent such incidents. He requested the session organizers to submit all the details with the session request (topics, authors, abstracts, etc.). Baylot had similar comments about SEI staff intervention. Additional discussions were on session and paper selections by the organizing committee, publication of proceedings on CD vs. hard copy, and on the possibility that the CD could be provided after the Congress.

6. Discussion of topics for 2009 Structures Congress – April 30 to May 2, 2009, Austin, TX

Baylot noted that he might have an idea for a session related to DHS. Krauthammer noted a possible session on multi-hazards with other committees. Also, there will be a track on disproportionate collapse with eight sessions of which 5-6 will be invited.

6. Updates on committee related reports

Structural Design for Physical Security – State of Practice Report
Pentagon Building Performance Report

Mlakar noted that both are still for sale.

8. Building Vibration Committee

Baylot informed the Committee that TAC and ExCom will try to identify possible person to chair a committee on vibrations and general dynamics. Consolazio proposed to provide names of possible candidates, based on papers submitted for review.

9. Committee web site

Consolazio provided a handout on the Committee web site (<http://bsveweb.ce.ufl.edu>). He requested a copy of the latest roster for updating the membership information. Also it was noted that the web URL should be modified to reflect the change in Committee name (e.g., bsie.ce.ufl.edu).

10. Other committee activities

None.

11. Proposals for future committee activities

Williamson asked about the Blast Standard Committee, and if our committee is involved in it. Mlakar and Zehrt, who also serve on that committee, described their activities and the latest status of the draft standard. It will be a voluntary standard written in mandatory language.

12. Other business and open discussions

None.

13. Adjourned at 6:45 pm.

Minutes
Sub-Committee on Design for Physical Security
April 26, 2008; 7:00 – 8:00 pm
Stanley Room, Hyatt Regency Vancouver
655 Burrard Street,
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Attendance:

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Visitors

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Ted Krauthammer opened the meeting at 7:00 pm, and the following activities took place:

1. Krauthammer provided the background for the sub-committee.
2. Zehrt described the content of the Blast Standard, with a focus on anti-terrorism.
3. The sub-committee agreed that it would be best to wait for a copy of the final draft standard before deciding on what activities and writing to undertake, since it would be unwise to duplicate material in that publication. Accordingly, Krauthammer proposed to write to the Chair of the Blast Standard committee, and request a draft report.
4. It was noted that the committee should inform SEI about the meeting, and planned actions.
5. The meeting was adjourned at 7:45 pm.