

**MINUTES OF THE
AIAA STRUCTURAL DYNAMICS TECHNICAL COMMITTEE MEETING**
Atlanta, GA
4 April 2000

INTRODUCTION.

The Spring 2000 meeting of the Structural Dynamics Technical Committee (SDTC) was held on 4 April 2000 in conjunction with the 41st AIAA/ASME/ASCE/AHS/ASC Structures, Structural Dynamics, and Materials Conference. Several speakers gave presentations before the business meeting.

Mr. Rob Abbanat of Engineered Multimedia Inc. (www.engmm.com) demonstrated several examples of interactive, multimedia for training and education purposes. This information inspired new ideas for education outreach.

An overview of the new conference administrative system was presented by Mr. Steve O'Leary of AIAA. This system will be brought on-line this summer and will be used for submittal and tracking of abstracts.

Mr. Larry Pinson announced his retirement from the TAC and introduced Charley Saff as the new Director and David Jenson as the Deputy Director. They discussed Long Range Planning Committee activities including strategic planning for the SDM. They are developing a vision for the SDM. The SDM self-evaluation noted two positive items, the proceedings on CD and on-line organization. One item opened for discussion was the issue of having the General Chair and the Technical Chair from different TCs. This would help with continuity and provide a natural rotation. However, there may be difficulties working with someone you don't know well. The LRPC also asked if we would consider moving the SDM to a different time frame. The general feeling of the SDTC was to keep our current week in April.

1. CALL TO ORDER.

Mr. Ralph Tate called the meeting to order. He introduced new members and visitors and recognized the contributions of departing members.

MINUTES OF LAST MEETING.

Dr. Tom Zeiler moved to accept the minutes of the SDTC meeting on 20 October 1999 without changes. Mr. Wen-Liu (Jerry) Miao seconded. The committee voted to accept to the minutes by acclamation.

2. SUBCOMMITTEE REPORTS.

AWARDS.

Dr. Peretz Friedmann reminded members to submit applications for membership upgrades by 15 April. Download forms from the AIAA web page and send the completed form to Peretz.

Drs. Conor Johnson and Peretz Friedmann are on the committee to select the recipient of the Structures and Structural Dynamics Award.

EDUCATION.

Dr. Tom Zeiler announced good attendance at the short courses held in conjunction with the SDM. The Aeroelasticity course contributed their honorarium of about \$1500 to the SDTC funds.

Tom also invited any interested members to a brainstorming session about the outreach video at 2:00 on Wednesday.

PUBLICATIONS.

Don Edberg reminded everyone that he would be requesting “Year in Review” material in the late summer.

There was some discussion to consider converting short courses to multi-media self-taught courses. Because it would be expensive and require a lot of resources the idea was tabled.

SECRETARIAT.

Ms. Sue Janssen thanked subcommittee chairs for submitting their reports electronically and saving much typing. She also reminded members they could submit digital pictures (jpeg format is desirable) to Mr. Dan Worth to be posted on the web page.

LIAISON.

Mr. Kirit Patel (for Mr. John Lassiter) reported that Dr. Kirk Dotson would be liaison for the Applied Aerodynamics TC. Mr. Bruce Willis attended the Structures TC meeting and noted that the STC website is out of date.

TC members are requested to consider volunteering for liaison activities if interested. See SDTC web page for more information or contact Mr. John Lassiter.

TECH TRANSFER.

George Wacker solicited URLs of interest to be linked to our site.

CONFERENCES.

Mr. Paul Taylor announced Mr. Hyoung-Man Kim would be the SDTC's representative for the 2001 SDM conference. If anyone would be interested in becoming an alternate representative, please contact Paul. This is a great way to learn the system and prepare for becoming the representative in 2002.

There will be an International Forum on Aeroelasticity in Spain during June 2001.

Mr. Mike Tinker gave a summary of this year's DSC. He noted that putting together a distinctive DSC program requires inviting authors to give papers on particular subject.

2. OLD BUSINESS

The SDTC has in excess of \$2000 that we can use "at our discretion." Emily Springer will inform us of the request/approval process. Members who have ideas for using these funds should contact the Secretariat Subcommittee, Ms. Sue Janssen and Dr. John Kosmatka.

3. NEW BUSINESS.

- There was some discussion about the decline in R&D Tech funding. Ken Griffith will distribute an e-mail about this. He also wondered if the Congressional Visit Day was having an impact. Those who have participated in the CVD said this was very worthwhile IF there was a long-term commitment with the Representative. All SDTC members are encouraged to write or speak to your Congressmen.
- The Jefferson Goblet Award for the best Student Paper was sponsored by Boeing this year. This award was established in the late 1970's by the SDTC, specifically Harry Harcrow of Martin Marietta. The Jefferson Goblet (and the \$500 cash award) is to encourage students to submit papers. However there have been few papers submitted in recent years. This year there were quite a few papers submitted because the guidelines were changed to allow the advisor as a co-author. There was a considerable amount of discussion about encouraging student papers on structural dynamics topics. Dr. Don Kunz asked if the SDTC should resume sponsorship of the Jefferson Goblet. Mr. Ralph Tate motioned the committee make a vote. Dr. Peretz Friedmann seconded. After the initial vote, further discussion was requested. The final vote was unanimous for the AIAA SDM Organizing Committee to sponsor the Jefferson Goblet once again.

- Funding for outreach video production was discussed. Members should consider what companies, foundations, or organizations might be willing to contribute toward the effort.
- Several TAC issues were discussed. The SDTC decided not to change the time for the SDM. Recommended if there is a TC for a special forum then the forum should become a regular part of the conference. Rotation of officers to provide continuity for the TC includes the Chair and Chair-elect. The question was raised if the rotation should be extended to include others. No final decision was made.
- Mr. Hyoung-Man Kim returned from the 2001 Planning Committee meeting and gave a summary of items.

We will ask for 25 sessions for SDTC, preferably none on Thursday afternoon because of low attendance. There will be eleven parallel sessions next year and no plenary sessions.

There was a lot of discussion on “no-shows” for presentations. There seems to be an increase in the number of “no-shows.” Some ideas to discourage offenders include requiring pre-registration for authors.

6. ADJOURNMENT.

The fall TC meeting will be at Lockheed Martin Missiles and Fire Control in Grand Prairie (Dallas), TX, at 8:30 a.m. on 19 October 2000. Mr. Ralph Tate will be our host.

Dr. Tom Zeiler motioned to adjourn the meeting. Dr. Carlos Cesnik seconded. SD TC meeting was adjourned by acclamation at about 20:00 hours.

7. ATTENDANCE.

Members:

Dr. Kenneth Alvin
 Dr. Jeffery Bennighof
 Mr. Robert (Terry) Britt
 Dr. Carlos Cesnik
 Dr. Kirk Dotson
 Dr. Donald Edberg
 Dr. Peretz Friedmann
 Dr. Lucas G. Horta
 Ms. Susan Janssen
 Dr. Conor Johnson
 Dr. Hyoung-Man Kim
 Ms. Teresa Kinney

Dr. Donald L. Kunz
Mr. Wen-Liu Miao
Dr. Kirit Patel
Mr. Darryll Pines
Dr. Dale Pitt
Mr. Ralph Tate
Mr. Paul Taylor
Dr. Michael Tinker
Mr. George Wacker
Dr. Y.C. Yiu

Visitors:

Dr. Eric Austin
Dr. Mark Whorton

Notes:

1. The Chair strictly enforces the attendance rule. Committee participation is solely at the discretion of the committee Chair. If your name is not listed here, please confirm with Chair that your absence is excused.
2. The attendance reflects those who registered on the attendance roster their presence. The Secretary keeps the official attendance on a roster. It is your responsibility to register your attendance and confirm your bios.