
MINUTES OF THE FALL 2001 MEETING

Date: Tuesday, September 11, 2001

Time & Place: 8:00 PM, Forbes Room, Pittsburgh Hilton Hotel
Pittsburgh, Pennsylvania

Present: Members and Ex-Officio
Bergman, Clark, Dohner, Feeny, Flowers, Luo, Natsiavas, Parker, Rahn, Sinha, Tan

Non-Members
G. Agnes, O. Agrawal, K. Anderson, I. Antoniodis, B. Balachandran, K. Farhang, C. Hales, D. Marghitu, E. Mockensturm, D. Mook, D. Segalman, A. Shabana, H-S. Tzou, A. Vakakis, K-W. Wang, J. Wickert, J. Wolf, A. Yigit, J. Zu,

Tan (TCVS Chair) called the meeting to order at 8:08 pm.

Attendees were introduced.

1. Approval of Minutes

A motion was made (Dohner) and seconded (Luo) to approve the minutes of the Spring 2001 meeting. The minutes were approved.

2. New Business

a) Report on DED/TCVS Custodial Fund (Tan)

The TCVS manages two accounts:

1. Custodial Fund (funds expire at end of fiscal year)
Expenses: \$66 used for award plaques
2. TCVS Committee Account
Expenses: \$500 each for award honoraria

b) Report on IDETC and Vibration Conference 2001 (Mook and Balachandran)

It was reported that the meeting was going very well. The current count was 703 paid attendees and 846 total registrants (including students). This is considered to be a significant success.

Segalman pointed out that the Design Division now bears the total risk of the IDETC, so caution is used in all planning and calculations.

c) Report on IMECE 2001, 2002 (Flowers)

*See attached report.

IMECE 2001:

11 sessions will be sponsored by TCVS at the 2001 IMECE. The breakdown on these sessions will be:

- 2 sessions for Symposium on Friction/Vibration Phenomena organized by K. Farhang
- 9 sessions for Symposium on The Vibration and Control of Mechanical Systems organized by A. Luo, H. Rahnejat, and H. Hamidzadeh

IMECE 2002:

A preliminary request of 12 sessions has been made to B. Ravani of DED. Based on information obtained prior to and during the meeting, this request may need to be increased to 15, with a division as follows:

- 10 sessions to M. Padoussis for the 5th International Symposium on FSI, AE, & FIV+N.
- 2 sessions to H.S. Tzou for the biannual Symposium on Active Control of Vibration and Noise (jointly sponsored with DSC, NCA, and AM Divisions)
- 3 sessions to A. Luo and R. Han for the annual Symposium on Dynamics, Acoustics and Simulation

The proceedings will be published on CD ROM. Bound volumes will no longer be used.

Segalman pointed out that ASME's past process of holding back 20% of the sessions for later allocation (as special highlight or industry sessions) will no longer be used. The current approach will be to allocate sessions based on "tracks" of topics. He also said that the date of March 15 is the deadline for turning back un-used sessions.

d) Report on IDETC 2003 (Shabana)

*See attached report.

The conference is scheduled for September 2-6, 2003 at the Downtown Chicago Marriott.

A web site, linked to the CIE site, has been established at www.me.uic.edu/DETC2003.

Send symposia information and announcements to Shabana or to the Technical Program Chair, Tom Royston.

January 24, 2003 will be the deadline for receipt of manuscripts for review.

The Power Transmission and Gearing Committee will be joining this conference, possibly with overlapping sessions or as a separate conference.

e) Report on Proposal for IDETC 2005 (Hamidzadeh)

A proposal has been prepared, although there is still discussion about the best location for the conference. Possibilities include San Francisco, Vancouver (obtaining a hotel is a problem), Portland (access was questionable), Phoenix, and San Jose.

CIE is looking to possibly take a major role in this conference because it is their 25th anniversary. The TCVS may co-chair the conference with them.

Yigit mentioned the need for an accessible city for international participants.

Parker suggested that we pay close attention to the effect of having the conference immediately following Labor Day (as will be the case in Chicago in 2003). This may (or may not) be a good approach to take in the future.

f) Report on Design Show 2002 (Dohner)

In the past the TCVS has participated in the Design Show at the National Manufacturing Week in Chicago. The spring TCVS meeting is held there, and recently technical (industry oriented) sessions have been held. This may be closed to ASME in the future – to be determined by mid-October. The question was raised about where the TCVS (and DED) would hold its spring meeting. Tan said that he will discuss with DED.

g) Report on Journal of Vibration and Acoustics (Bergman)

*See attached report.

The Journal of Vibration and Acoustics did not use its total allocation of pages last year. This year should be better, due to the increased page limit of nine pages per article.

The workload is high for associate editors. Two associate editors have been named: Tan and Keltie. Editors' associations to either NCAD or DED will be noted in the masthead of the journal.

There was some discussion of the slow review process and how might it be shortened. The consensus was that this is a tough issue, given that volunteer reviewers cannot be forced to speed up the process.

h) Liaison Reports

Noise Control and Acoustics Division (Grosh)
No Report.

Applied Mechanics Division – Dynamic Systems and Structures Committee (Vakakis)
No report. Vakakis said that someone else needs to be appointed as the AMD liaison.

Aerospace Division--Adaptive Structures Committee (Wang)
The Adaptive Structures Committee participates in four major conferences each year: IMECE, SPIE Smart Materials and Structures, ICAST, and the AIAA Structures, Structural Dynamics and Materials Conference. The two committees have worked well in the past in sharing sessions and volumes when needed. Both committees are doing well in terms of filling sessions at their respective conferences, so there is no present need to overlap.

Design Engineering Division – Power Transmission and Gearing Committee (Parker)
This committee will be joining the IDETC in 2003, where there will be some attempt at joint sessions.

Applied Mechanics Review – (Pierre)
No Report.

i) Report on TCVS Web Page (Rahn)

The ASME web specialist is being contacted for input on the TCVS site.

TCVS member research expertise will be posted on the web page if information is sent to Rahn.

j) Report from Industrial Subcommittee (Dohner)

*See attached report.

A survey was sent to industry to gather information on how the ASME/TCVS can better serve its industrial membership. Results of the survey are given in the attached report.

To the general question of how we can generate more industrial involvement in our committee and conferences, Vakakis suggested that companies submit their ideas (technical problems, challenges) to the TCVS. The ideas could be distributed or posted on our web site. We could then hold sessions at our conferences that focus on discussing the ideas and possible solutions. This suggestion was met with enthusiasm at the meeting. Segalman suggested that the idea be put to Tom Chase who is working on a DED industrial liaison committee. Dohner said that he will put this concept of "industrial challenge sessions" into words and formalize a plan of action.

k) Report from ASME Fellow Nominating Subcommittee (Wang)

All necessary information has been collected for this year, and a nominating packet will be submitted in a few weeks.

Malcolm Crocker was elected this year, but could not be at the meeting to be recognized.

l) Appointment of Membership and Nominating Subcommittee (Tan)

Chris Rahn was appointed as chair of the Membership and Nominating Subcommittee. If you are interested in nominating someone to the level of ASME Fellow, send information to him.

There is an International Activities Committee of the DED. The TCVS needs to appoint someone to serve on that committee. Among other duties, this person would coordinate with MOVIC.

m) Revision of By-laws and Standard Operating Procedure (Tan)

This item was postponed until the closed meeting of voting members.

n) Other New Business

Bergman suggested that we form a nominating committee for the Den Hartog award whose purpose would be to identify suitable candidates and to put together their nominating packets. This would not exclude other nominations. Others could be nominated from outside the committee, as is currently done. This committee would ensure that we get a full slate of candidates each year. The main caution from the floor was that we ensure that the selection process still remain fair and non-exclusive. It was suggested that the process be made part of the regular committee's duties. Wolf suggested that we include past Den Hartog winners as either part of this committee or as advisors to the committee. This suggestion was well-received.

Tan said that the Chinese Vibration Engineering Society wishes to have a joint workshop or conference with the TCVS. They have offered to sponsor a joint event such that our expenses would only involve our travel. Tan suggested that we consider following up on this offer.

Sinha suggested that we form a subcommittee to identify chairs for future conferences.

3. Old Business.

Kon-Well Wang has a file on history of the TCVS.

Meeting of Voting Members

1. Election of Alex Vakakis to the DED International Activities Committee.

Alex Vakakis was elected to the DED International Activities Committee for a two-year term.

2. Revision of By-laws and Standard Operating Procedure

The members present unanimously voted to change the TCVS By-Laws such that item 6 under Election of New Members is to state:

“Voting by proxy or absentee vote is not allowed for the election of new members and the selection of award recipients, unless the entire ballot is conducted by mail.”

However, amendments to the By-Laws require a two-third vote of all regular members of the TCVS. With only nine members present of the sixteen voting members, the two-third requirement was not met, so this amendment can not be put into place.

The meeting was adjourned at 10:08 pm.