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## MINUTES OF THE FALL 1999 MEETING

Date: September 14, 1999

Time & Place: 6:00 – 8:00 PM, Apollo 3, Alexis Park Resort & Spa, Las Vegas

Present: Members & Ex-Officio

Clark, Dohner, Grosh, Han, Luo, Moeller, Mook, Mourelatos, Parker, Rahn, Sinha, Tan, Vakakis, Inman and Wang.

Friends

O.P. Agrawal, B. Balachandran, L.A. Bergman, E. Butcher, M.J. Corcker, A. Flatau, G. Flowers, H. Hamidzadeh, E. Mockensturm, S. Natsiavas, S. Noah, D. Quinn, C. Pierre, T.J. Rorston, A.A. Shabana, J.H. Su, H.S. Tzou, B. Yang, W. Zhu, J.W. Zu

Regrets: Members & Ex-Officio

Cudney, Greif, and Sun.

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TCVS chair, **Sinha** called the meeting to order at 6:08 PM.

### 1. **Tan/Wang: Approval of Minutes**

- Passed unanimously.

### 2. **NEW BUSINESS**

#### 2a. **Sinha and Tan: Report on DED/TCVS Custodial Fund**

- Budget was \$1,500 and the current balance is \$260.02.  
Breakdown of expenses:
  - a) Honorarium for the 1999 den Hartog Award - \$500.00
  - b) Honorarium for the 1999 Myklestad Award - \$500.00
  - c) Telephone charges (Auburn University) - \$239.98
- See **Sinha** and **Tan's** Report.

#### 2b. **Sinha and Flowers: Report on Vibration Conference 1999**

- Conference consisted of 426 technical papers, 3 plenary lectures and 1 panel discussion. The papers were organized into 29 symposia.
- Award recipients were, 1999 den Hartog Awardee – **Leonard Meirovitch** and 1999 Myklestad Awardee – **Melvin Prohl**.

- The 3 plenary lectures were;
  - a) **Leonard Meirovitch**: *From Rayleigh-Ritz to the Finite element Method* (1999 den Hartog Lecture).
  - b) **Vinod Modi**: *From Sputnik to the Space Station: Evolution and Challenges*.
  - c) **Pol Spanos**: *Versatile Methods for Nonlinear Random Vibration Analysis*.
- Three major problems were identified.
  - a) The need for an efficient and convenient mechanism to handle the large amount of data and information.
  - b) Deadlines are not observed, as the practice of extended tardiness became too excessive.
  - c) Requests for special audio-visual equipment tend to be expensive and difficult to meet.
- **Tan** suggested that authors should submit their copyright forms together with their requests for the audio-visual equipment.
- See **Sinha** and **Flowers**'s Report.

#### 2c. **Clark: Report on IMECE 1999 and 2000**

- IMECE 1999 - 4 sessions were given but filled only 3. The 4<sup>th</sup> session was a talk given by **Ali Nayfeh**.
- IMECE 2000 - requested 10 sessions but will probably get less. The organizers for the 2 symposia are
  - a) **Han, Luo** and **K.H. Lee** (*Symposium on Dynamics, Acoustics and Simulations – DAS 2000*).
  - b) **J. Wickert** and **Rahn** (*Symposium on Vibration & Control of Continuous Systems*).
- **Sharif Noah** inquired if there is any interest in organizing sessions on emerging areas such as MEMS, etc.

#### 2d. **Mook and Balachandran: Report on IDETC 2001**

- Conference Chair – **D. Mook**
- Program Chair – **B. Balachandran**
- Local Committee Chair – **J. Wickert**
- Local Committee Vice-Chair – **W. Clark**
- Conference Venue – David Lawrence Convention Center, Pittsburgh
- To explore with MOVIC to see if they are interested in joining with us again.

#### 2e. **Sinha: IDETC 2003**

- **Tan** nominated **A.A. Shabana**'s group as a possible host.

- **H.S. Tzou** is willing to assist if a group from Hawaii is interested in hosting. He will try to convince Japan and/or Korea to see if they would be keen to co-host.

**2f. Dohner: Report on National Design in Engineering Conference 2000**

- TCVS members tend to be oriented toward basic research and development whereas the majority of ASME members are more industrially oriented. One way to increase interaction with ASME members is to increase our participation in the National Design in Engineering Conference (NDEC). Issues for discussion; should TCVS increase its participation in NDEC, are there other ways on doing so, in addition to sponsoring sessions and tutorials, what type of sessions/tutorials, who in TCVS would be interested, should TCVS depend on outsiders for these sessions/tutorials?
- See **Dohner's** Report.
- A subcommittee consisting of **Dohner, Tzou** and **Per Reinhall** was formed to work with **Dick Hirsh** and report back at the next meeting.

**2g. Inman and Bergman: Report on Journal of Vibration and Acoustics**

- 85 papers were received, 26 accepted and 23 rejected.
- Currently, there is a one or two-issue backlog once a paper is accepted.
- See **Inman's** Report.
- **Inman**: Leaves as the Technical Editor on December 31, 1999.
- Editor-elect **Bergman** to take over on January 1, 2000.

**2h. Vakakis: Liaison Report on AMD/DSSC** - Nothing to report.

**Raju: Liaison Report on NCAD** - Nothing to report.

**Pierre: Liaison Report on AMR** - Nothing to report.

**2i. Tan: Report on TCVS WebPage**

- The basic webpage design developed by **Tan** is now completed.
- TCVS webpage's URL is <http://www.eng.wayne.edu/~ME/asmetcvs/index.htm>.
- See **Tan's** Report.
- **Rahn** to take charge of further webpage development.
- All TCVS members and friends are encouraged to visit the webpage and provide feedback.

**2j. Pierre: Report on ASME Fellow Grade Nomination**

- Applications and Nominations requested.
- On-going nomination process, there is no deadline.

- **Wang** suggested having an awards committee to look after the nomination.
- **Mook** was appointed to chair the committee and **Shabana** to assist.

**2k. Sinha: Appointment of Membership Nominating Subcommittee**

- Appointed: **Parker** as Chair and **Grosh** as Vice-Chair.
- Applications and nominations requested.
  - (a) Deadline: January 30, 2000.
  - (b) Send C.V. to **Parker** and **Grosh**.

**2l: Other New Business**

- **Sinha**: Principle of Absentee Voting – this was denied after some discussion.
- **Sinha**: Replacement for **John Mottershead's** Position – defer to the next meeting.
- **Sinha**: Submitted a report summarizing TCVS activities for 1999 to DED. See **Sinha's** Report.
- **Crispin**: DED has setup individual accounts of its committees. To request for funds, submit a proposal to DED. Suggested collaboration with DED's International Committee. Presented certificates to **Segalman** and **Wang**.
- **Crocker**: Discussed possible involvement of TCVS in the 7<sup>th</sup> International Congress on Sound and Vibration (ICSV) at Garmisch-Partenkirchen, Germany, from July 4-7, 2000.
- **Mook/Parker**: Motion – TCVS to support the 7<sup>th</sup> ICSV sponsored by the International Institute of Acoustics and Vibration; unanimously approved.
- **Parker** was appointed to serve as the coordinator of a possible joint effort between TCVS and the Power Transmission & Gearing Committee chaired by **Neil Anderson**.

**3. OLD BUSINESS**

None

The meeting was adjourned at 8:08 PM.

Respectfully Submitted by



Ray Han, TCVS Secretary  
February 5, 2000

## **ATTACHMENTS**

The following reports are included as part of the Minutes of Meeting:

- **Sinha and Tan's Report on DED/TCVS Custodial Fund**
- **Sinha and Flowers's Report on Vibration Conference '99**
- **Dohner's Report on National Design in Engineering Conference**
- **Inman's Report on JVA**
- **Tan's Report on TCVS WebPage**
- **Sinha's TCVS Report to DED**

<b>SINHA AND TAN'S REPORT ON DED/TCVS CUSTODIAL FUND</b>
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**Technical Committee on Vibration and Sound**

Design Engineering Division  
American Society of Mechanical Engineers



**TO:** TCVS Committee

**FROM:** S. C. Sinha, TCVS Chair ([ssinha@eng.auburn.edu](mailto:ssinha@eng.auburn.edu))  
C. A. Tan, TCVS Vice Chair ([tan@tan.eng.wayne.edu](mailto:tan@tan.eng.wayne.edu))

**SUBJECT:** Report of TCVS Custodial Fund

**DATE:** 14 September, 1999  
(TCVS Fall Meeting at 1999 DETC, Las Vegas)

For the fiscal year 1999 (March 1999 to March 2000), TCVS requested \$1,500 from the ASME Design Engineering Division Custodial Fund. The following transactions have been recorded during this period of the fiscal year.

	Expense	Balance
		\$ 1,500.00
Honorarium for the Den Hartog Award	\$500.00	1,000.00
Honorarium for the Myklestad Award	\$500.00	500.00
Telephone charges (Auburn University) Invoice dated August 6, 1999	\$239.98	260.02

If you have any other charges, please forward receipts/invoices to:

Chin An Tan  
Department of Mechanical Engineering  
Wayne State University  
Detroit, Michigan 48202

**SINHA AND FLOWERS'S REPORT ON VIBRATION CONFERENCE '99**

## Report to the Technical Committee on Vibration and Sound

## The 1999 Mechanical Vibration and Noise Conference

The objective of this Conference is to promote the discussion and exchange of ideas among members of the vibration and noise community. It provides a forum to present the results of their research efforts and to discuss new ideas. For the first time, the International Symposium on Motion and Vibration Control (MOVIC'99) is being held jointly with the Mechanical Vibration and Noise Conference. The 17<sup>th</sup> Biennial Conference on Mechanical Vibration and Noise (including MOVIC) consists of a total of 426 technical papers, including 48 papers from MOVIC, 3 plenary lectures, and 1 panel discussion, reflecting the considerable diversity and interdisciplinary nature of our field. The technical sessions have been divided into a series of seven theme areas: nonlinear systems, multibody dynamics, rotating machinery dynamics, friction and impact, and vibration of continuous systems. A total of 29 symposia or special sessions have been organized. We would like to express our great appreciation to all of the symposia organizers, with a special thanks to Professor A.A Shabana of the University of Illinois at Chicago, Professor G. Kirk of Virginia Tech, and Professor Jon Wickert of Carnegie Mellon University, for their extraordinary organizing efforts. A complete list of the symposia and the corresponding organizers is given below. Also, we would like to express our appreciation to Professor Kenzo Nonami of Chiba University (Japan) for his organizing efforts with regard to MOVIC.

We are very pleased to announce that the recipient of the 1999 den Hartog Award is Professor Leonard Meirovitch, of Virginia Tech and the recipient of the 1999 Myklestad Award. is Mr. Melvin Prohl.

Three extremely distinguished colleagues will be presenting the plenary lectures.

On Monday, September 13, 1999 - Den Hartog Lecture "From Rayleigh-Ritz to the Finite Element Method" by Leonard Meirovitch, Professor Emeritus, Virginia Tech.

On Tuesday, September 14, 1999 - "From Sputnik to the Space Station: Evolution and Challenges" by Vinod Modi, Professor Emeritus, University of British Columbia.

On Wednesday, September 15, 1999 - "Versatile Methods for Nonlinear Random Vibration Analysis" by Pol Spanos, L. B. Ryon Endowed Chair in Engineering, Rice University.

Also deserving recognition is the ASME Technical Committee on Vibration and Sound, the members of which provide oversight for this Conference and are responsible for choosing the recipients of the den Hartog and Myklestad Awards. The local organizing committee and international representatives have assisted greatly in the organization of this meeting and deserve many thanks. We are also very appreciative of the efforts of the ASME professional staff who assisted in the preparation of the program and proceedings – in particular, and Cynthia Clark, Barbara Signorelli, and Trish Irving. Special appreciation is given to Gyorgy Szasz (from Auburn University) for his work in creating and maintaining the DETC web pages and to Marilyn Johnson from Auburn University who contributed greatly to the preparation of the program. Finally, thanks are due the authors, panelists, and attendees, without whom there would have been no Conference.

Subhash C. Sinha  
Auburn University  
Chair

George T. Flowers  
Auburn University  
Technical Program Chair

List of Symposia and Special Sessions

## 1) Symposium on Vibration of Rotating Structures and Machinery

Organized by:

Dr. R. Gordon Kirk, Virginia Polytechnic Institute and State University

Dr. Erik E. Swanson, Mohawk Innovative Technology, Inc.

## 2) Symposium on Active and Hybrid Structural Vibration Control

Organized by:

Kon-Well Wang, Pennsylvania State University

William W. Clark, University of Pittsburgh

## 3) Symposium on Dynamics and Vibration of Geared Systems

Organized by:

C. Nataraj, Villanova University

N. K. Arakere, University of Florida

## 4) Symposium on Nonlinear Modes and Localization in Coupled Dynamical Systems

Organized by:

Christophe Pierre, University of Michigan

Per G. Reinhall, University of Washington

Steven W. Shaw, Michigan State University

Duane W. Storti, University of Washington

## 5) Symposium on Nonlinear Response of Hysteretic Oscillators

Organized by:

Fabrizio Vestroni, Università di Roma 'La Sapienza'

## 6) Symposium on Dynamics and Control of Time-Dependent Structures and Systems

Organized by:

Bingen Yang, University of Southern California

Chin An Tan, Wayne State University

Alexander V. Pesterev, Russian Academy of Sciences

Lawrence A. Bergman, University of Illinois at Urbana-Champaign

## 7) Symposium on Systems with Nonsmooth Dynamics

Organized by:

A.F. Vakakis, University of Illinois at Urbana-Champaign

## 8) Symposium on Space Dynamics and Control

Organized by:

Ray P.S. Han, The University of Iowa

Albert C.J. Luo, Southern Illinois University Edwardsville

## 9) Symposium on Damage Detection

Organized by:

S.W. Smith

University of Kentucky, Lexington, Kentucky

## 10) Symposium on Dynamical Systems Methods for Data Analysis, Modeling, and Prediction

Organized by:

Joseph Cusumano, Penn State University  
Anindya Chatterjee, Penn State University  
Dan Marghitu, Auburn University  
David Newland, University of Cambridge

11) Symposium on Structronics, Mechatronics, and Smart Materials

Organized by:

H. S. Tzou, University of Kentucky  
John A. Main, University of Kentucky

Including:

Panel Session on Recent Advances in Structronics, Mechatronics, and Smart Materials

Moderator: H.S. Tzou, University of Kentucky, Lexington, Kentucky, USA

Panelists:

1. Dr. Alison Flatau, National Science Foundation
2. Prof. Ulrich Gabbert, Otto-von-Guericke-University
3. Dr. Ephraim Garcia, DARPA
4. Prof. Dev Garg, Duke University, US Army Research Office
5. Prof. Daniel J. Inman, Virginia Tech
6. Dr. Conor D. Johnson, CSA Engineering, Inc.
7. Prof. Kenzo Nonami, Chiba University
8. Maj Brian Sanders, AFOSR

12) Active Vibration Control and Actuation Using Smart Materials

Organized by:

Nejat Olgac, University of Connecticut  
Mehdi Ahmadian, Virginia Tech

13) Symposium on Friction Induced Vibration & Noise

Dr. M. Akif Ozbek, The Boeing Company

14) Tensegrity: A New Structural Control Paradigm

Organized by:

Robert Skelton, University of California

15) Second Symposium on Multibody Dynamics and Vibration

Organized by:

Ahmed A. Shabana, University of Illinois at Chicago  
Richard Schwertassek, German Aerospace Research Center, Germany  
Madeleine Pascal, Universite Pierre et Marie Curie, France

16) Symposium on Nonlinear Dynamics in Engineering Systems

Organized by:

D.H. van Campen, Eindhoven University of Technology  
de Kraker, Eindhoven University of Technology  
M. Wiercigroch, University of Aberdeen

17) Symposium on Dynamics and Control of Nonlinear Systems

Organized by:

B. Balachandran, University of Maryland  
Andrew J. Kurdila, University of Florida

Jon R. Pratt, National Institute of Standards and Technology  
Kevin D. Murphy, University of Connecticut

18) Symposium on Statistical Energy Analysis for Design  
Organized by  
Mark Moeller, Ford Motor Company  
Shih-Emn Chen, Ford Motor Company

19) Symposium on Friction and Impact Induced Vibrations  
Organized by:  
Pfeiffer, Technical University of Munich

20) Symposium on Control of Generalized Hamiltonian Systems  
Organized by  
Kurt Schlacher, Johannes Kepler University

21) Symposium on Vibration Damping: Modeling and Applications  
Organized by:  
Michel Lalanne Institut National des Sciences Appliquees  
Alain Berlioz, Institut National des Sciences Appliquees

22) Symposium on Dynamics and Vibration of Machine Systems  
Organized by  
Kambiz Farhang, Southern Illinois University

23) Symposium on Applications of Random Dynamical Systems Systems  
Organised by  
Samuel F Asokanathan, The University of Queensland  
N. Sri Namachchivaya, University of Illinois at Urbana-Champaign

24) Symposium on New Concepts of Asymptotic Approaches in Nonlinear Dynamics  
Organized by:  
Jan Awrejcewicz , Technical University of Lodz

25) Symposium on the Vibration of Continuous Systems  
Organized by:  
Jonathan Wickert, Carnegie Mellon University  
Christopher Rahn, Clemson University, Clemson

26) Symposium on Acoustic Scattering  
Organized by:  
P. K. Raju, Auburn University  
Alain Gerard, Universite Bordeaux 1

27) Symposium on Applications of Genetic Algorithms to Vibration & Design"  
Organized by:  
Sherif Noah, Texas A&M

28) Symposium on Fault Detection / Diagnostics in Rotating Machinery  
Organized by:  
Farid Golnaraghi ,University of Waterloo  
F. Ismail , University of Waterloo

29) Symposium Dynamics and Vibrations of Structures with Mechanical Joints

## Organized by:

Daniel J. Segalman, Sandia National Labs  
Jeffrey L Dohner, Sandia National Labs  
Xiaomin Deng, University of South Carolina

## Local Organizing Committee:

M. J. Crocker (AU)  
P. K. Raju (AU)  
D. B. Marghitu (AU)  
D. G. Beale (AU)

## International Representatives:

S.T. Ariaratnan, H. Davies, V.J. Modi, T. Shankar - Canada  
J. Awrejcewicz - Poland  
A. van der Burgh, D. H. van Campen - Netherlands  
F. Casciati, G. Rega, F. Vestroni -Italy  
L. Gaul, F. Pfeiffer, K. Popp, Jorg Wauer - Germany  
D. Ewins, D. Newland, J.M.T Thompson - United Kingdom  
H. Irschik, K. Schlacher - Austria  
Y. Ishida, K. Nonami, K. Seto - Japan  
M. Ivanescu - Romania  
M. Lalanne, M. Pascal - France  
P.A.A. Laura - Argentina  
C. Mazzili - Brazil  
M. Munjal - India  
S. Natsiavas - Greece  
M. Pereira - Portugal  
G. Stepan - Hungary  
A. Tondl - Czech Republic  
W. Zhang - China

### Problems That Were Identified

1. There is a large amount of data needed by ASME to process the papers and prepare the program. At present, there are no convenient mechanisms for collection of this data from the session organizers. ASME staff developed an applet that was supposed to provide a convenient way to collect and send data on technical papers and sessions. The applet was distributed on diskette to all of the conference paper chairs. This is probably fine for small meetings. For large meetings, such as the Vibrations Conference, there is no convenient way to distribute the applet to session organizers (who do the bulk of the data collection work) and collect the results in a single file for each conference. With sufficient planning, the applet could be distributed early, which would alleviate some of the difficulties. However, the applet has resisted e-mail transfers, so the data would have to be returned via regular mail (on diskette). Perhaps a web-based applet is the most attractive solution.
2. Deadlines are established with some leeway because it is expected that many people will be late in submitting information. This includes papers from authors, session and paper information from chairs, and conference information from paper chairs. However, the practice of extended tardiness (weeks and even months) has gotten to be excessive. We still had papers arriving at ASME in August. We received some session information in August, as well. We are all volunteers, but such actions (or more specifically, the lack thereof) puts those responsible in a very stressful and inappropriate position. More attention to deadline is a must if we are to continue to function properly.
3. The use of special audio-visual equipment by presenters presented a number of problems to the organizers. Specifically, such equipment is expensive to rent and must be scheduled well in advance. We expect that this will be even more of a problem for future meetings. Special attention should be given to this problem early in the planning of upcoming meetings.

**DOHNER'S REPORT ON NATIONAL DESIGN IN ENGINEERING CONFERENCE**

Discussion with TCVS on the National Design in Engineering Conference (NDEC)

September 14, 1999

Submitted by Jeffrey L. Dohner

***Overview:***

TCVS tends to have members whose primary interests are oriented towards basic research and development, and over the years, we have served the needs of these members very well. However, the majority of ASME members are more industrially oriented. One way to serve a wider range of ASME members would be to increase our participation in the National Design in Engineering Conference (NDEC).

In the past TCVS's participation in NDEC has been very limited. This year a single session will be sponsored by TCVS at NDEC (Programmable motion control systems by Sabri Centikunt). In order to increase our service to the ASME community and to develop better methods of supporting NDEC in the future, I would like to gage the group's reaction to the following questions.

***Questions for Discussion:***

- Should TCVS increase its participation in NDEC?
- Other than sponsoring sessions and tutorials, are there ways that TCVS could play a more active role in NDEC?
- What type of tutorials or sessions should TCVS sponsor at NDEC? Should these sessions focus only on applications of sound and vibration analysis?
- Who would be interested in preparing these types of sessions?
- Should we go outside of TCVS to find individuals wishing to give sessions?

<b>INMAN'S REPORT ON JVA</b>
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***ASME JOURNAL OF VIBRATION AND ACOUSTICS***  
**Summary of Associate Editor Activity for March 1, 1999 through August 31, 1999**

Associate Editor	Received	Accepted	Rejected
Bergman	0	0	0
Clark	9	6	5
Friswell	7	0	3
Fuller	0	0	0
Han	1	2	1
Ibrahim	2	2	0
Inman	3	3	3
Koopman	0	0	0
Mook	0	0	0
Mottershead	0	1	0
Noah	0	0	0
Pierre	9	0	0
Sinha	3	3	1
Sun	13	4	5
Vakakis	8	2	1
Wang	11	2	2
Yang	19	1	2
<b>TOTAL</b>	<b>85</b>	<b>26</b>	<b>23</b>

- We currently have just a one- or two-issue backlog once a paper is accepted. I am pleased about this, and it means we do not have to discourage submissions based on length of time to publish once accepted.
- We still hold authors to a six-page limit as they submit.
- By sticking with a high-acceptability criteria and strictly limiting papers to six pages, we should keep our backlog to an acceptable two issues from this time forward.
- We currently have a reasonable backlog. As soon as authors realize this, we will receive more papers and the backlog will increase. Hence, we really need a flexible page allotment that matches some percentage of submissions.
- I will leave as technical editor on December 31, 1999. Larry Bergman of Illinois is slated to take over at that time, pending approval of the Board of Communication.

Submitted September, 1999

Daniel J. Inman

## TAN'S REPORT ON TCVS WEBPAGE

### Technical Committee on Vibration and Sound

Design Engineering Division  
American Society of Mechanical Engineers



**TO:** TCVS Committee  
**FROM:** C. A. Tan, TCVS Vice Chair ([tan@tan.eng.wayne.edu](mailto:tan@tan.eng.wayne.edu))  
**SUBJECT:** Status Report of TCVS Web Page  
**DATE:** 14 September, 1999  
(TCVS Fall Meeting at 1999 DETC, Las Vegas)

The TCVS web page address is at: <http://www.eng.wayne.edu/~ME/asmetcvs/index.htm>.

The following tasks have been completed or will be completed soon (there has been delay since our Department Web Master was away in the summer and has been very busy with uploading information for course web pages).

- Hyperlinks have been set up from the ASME web page. There are two ways to get to TCVS from ASME (<http://www.asme.org>) by taking the following steps.
  - 1) Click on ASME Links, then click on Committees, then click on Technical Committee on Vibration and Sound.
  - 2) Click on ASME Links, then click on Technical Divisions and Institutes, then click on ASME Technical Divisions/ then click on Design Engineering Division, then click on Technical Committee on Vibration and Sound Home Page.
- New TCVS rosters have been uploaded. Hyperlinks to the e-mail addresses of all TCVS members and friends have been established. Hyperlinks to the personal home pages of all TCVS members have also been established. Some of the members have not responded to my earlier e-mail requesting for personal home page address information. If you have not responded to my e-mail and have a home page, please let me know of the web address.
- Under TCVS, a hyperlink will be pointed to the web page of the *Journal of Vibration and Acoustics* (<http://www.asme.org/pubs/journals/vibrate/vibrate.htm>). In addition, we will provide information (addresses and e-mails) on the Technical Editor and the Associate Editors. Currently, this information is not available at the Journal web page.

Some future tasks include:

- ◆ Establish hyperlinks to Technical Conferences and Journals that are of interest to the TCVS research community, and to other professional society committees involved in vibration and acoustics research.
- ◆ Upload information or establish hyperlinks on upcoming symposia sponsored by TCVS.
- ◆ Upload information on the history of TCVS and DETC.

All TCVS members and friends are encouraged to visit the TCVS web page and provide me with feedback and comments.

**SINHA'S TCVS REPORT TO DED****Technical Committee on Vibration and Sound**

Design Engineering Division  
American Society of Mechanical Engineers



**TO:** DED Executive Committee  
**FROM:** S. C. Sinha, TCVS Chair ([ssinha@eng.auburn.edu](mailto:ssinha@eng.auburn.edu))  
**SUBJECT:** Summary of TCVS activities during March to September 1999  
**DATE:** 15 September, 1999 (DED Executive Meeting at 1999 DETC, Las Vegas)

- ◆ At our March meeting during the Design Show in Chicago, S. Sinha appointed J. Dohner to be the TCVS coordinator for the Design Show. The committee voted on:
  - New members – W. Clark (renewed; Univ. Pittsburgh), R. Han (renewed; Univ. Iowa), K. Grosh (Univ. Michigan), A. Luo (Southern Illinois Univ., Edwardsville), and C. Rahn (Clemson Univ.) were elected to serve a three year term from July 1, 1999 to June 30, 2002.
  - Den Hartog Award – Leonard Meirovitch (Virginia Tech)
  - Myklestad Award – Melvin Prohl (Consultant)
  - DED Rep. to Applied Mechanics Review Board – Christophe Pierre (Univ. Michigan)
- ◆ TCVS is organizing four sessions for the IMECE 99. These sessions are distributed between two symposia, viz., *Structural Health Monitoring* organized by D. Zimmerman and *Passive Damping Technologies* by P. Reinhall. Planning for symposia at the 2000 IMECE is underway.
- ◆ Preparations for the 1999 ASME DETC are complete. There are a total of 196 sessions consisting of 834 technical papers; 426 papers are in the Vibration and Noise Conference (including 48 papers from MOVIC). Local activities, exhibits, short courses and tutorials have also been planned. The keynote lectures will be delivered by Professors. L. Meirovitch (Virginia Tech; Den Hartog Lecture), V. J. Modi (Univ. British Columbia), and P. D. Spanos (Rice Univ.). The conference web site is at <http://www.eng.auburn.edu/vib99>. (For other details of the 1999 Vibration Conference, see Sinha's report on 1999 DETC)
- ◆ DETC 2001 Chair, D. Mook (Virginia Tech), has selected the conference venue to be at the David Lawrence Convention Center (connected to Hilton Hotel) in Pittsburgh. B. Balachandran (Univ. Maryland) is the Program Chair. The local committee Chair is J. Wickert (Carnegie Mellon Univ.) and the Vice Chair is W. Clark (Univ. Pittsburgh). A conference web site will be set up.
- ◆ L. A. Bergman is the incoming Technical Editor of the *Journal of Vibration and Acoustics*.
- ◆ TCVS has a web site at <http://www.eng.wayne.edu/~ME/asmetcvs/index.htm>. This is being maintained by the TCVS Vice Chair, C. Tan ([tan@tan.eng.wayne.edu](mailto:tan@tan.eng.wayne.edu)). Hyperlinks from ASME to this site have also been established (follow ASME Links).
- ◆ Sinha appointed K. Wang to document the history of DETC and TCVS. Information will be posted on the TCVS web site.