

**ASME DESIGN ENGINEERING DIVISION**  
**TECHNICAL COMMITTEE ON VIBRATION AND SOUND**  
**SPRING 2009 MEETING**

Date: Sunday April 5, 2009  
Time: 10:00 AM – 12:00 noon  
Room 1047 ERF Building, 842 W. Taylor Street  
University of Illinois at Chicago

## AGENDA

- 1) APPROVAL OF MINUTES OF OCTOBER 28, 2008 MEETING
- 2) OLD BUSINESS
  - (a) TCVS Treasurer's Report (Feeny)
  - (b) Report on IMECE 2008 (Epureanu)
  - (c) Report on SMASIS 2008 (Rahn)
  - (d) Report on IDETC 2009 (Flowers)
  - (e) Report on IDETC 2010 (Quinn)
  - (f) Looking ahead to IDETC 2011 (Jalili)
  - (g) Report on Journal of Vibration and Acoustics (Wang)
  - (h) Liaison Reports
    - *Noise Control Acoustics Div. - Hambric*
    - *Applied Mechanics Div. (Dynamic Systems & Structures Committee) – Luo*
    - *Applied Mechanics Review – Tan*
    - *Aerospace Division (Adaptive Structures Committee) – Wang*
    - *Design Engineering Div. (Power Transmission & Gearing Committee) – Parker*
    - *International Activities Committee – Liao*
    - *Micro and Nano Systems Committee - Raman*
    - *Multibody and Nonlinear Systems Committee - Shukla*
    - *Dynamics Systems and Control Division - Jalili*
  - (i) Report on TCVS WebPage (Berger/Shen)
  - (j) Report from Industrial Subcommittee (Rook)
  - (k) Report from ASME Fellow Nominating Subcommittee (Shaw)
- 3) NEW BUSINESS
  - (a) New TCVS Awards (Epureanu)

## VOTING MEMBERS ONLY

- (a) Election of new members
- (b) Selection of Myklestad and Den Hartog awardees

Next Meeting – IDETC 2009 – San Diego – August
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Minutes of Technical Committee of Vibration and Sound  
2009 Spring Meeting

Time: April 5, 2009, 10:00 am – 1:00 pm

Place: Room 1043, ERF Building, University of Illinois at Chicago

Attendees (Members): Dumitru Caruntu, Bogdan Epureanu, Brian Feeny, Al Ferri, George Flowers, Xiaoling He, Brian Mann, Carole Mei, Robert Parker (call in from Shanghai, China), Dane Quinn, Chris Rahn, Todd Rook, Thomas Royston, Massimo Ruzzene, Steve Shaw, Steve Shen, Gyorgy Szasz, Jean Zu

Attendees (Friends): Marco Amabili, William Clark, Kostas Karagiozis

1. Approved the minutes of 2008 TCVS Autumn Meeting.
2. TCVS Treasurer's report by Brian Feeny. There are currently three accounts: general fund account, Den Hartog Award account, and Myklestad Award account.
  - Deposit in FY 2008 of \$20,028 into the TCVS general fund from revenues of IEDTC'07.
  - Expense in FY 2008 of \$5,034 from the TCVS general fund. This is an erroneous expense meant for NCAD. The money is being reimbursed.
  - Expense in FY 2009 of \$10,000 from the TCVS general fund. This represents a transfer of \$5,000 to each of the Den Hartog and Myklestad Awards accounts.
  - Income in FY 2009 of \$10,000 to each of the Den Hartog and Myklestad Awards accounts. This involves the \$5,000 transferred from the general fund, plus a \$5000 match from DED for each transfer.
3. Report on IMECE 2008 by Epureanu: Dumitru Caruntu has done tremendous work in organizing sessions that eventually led to more than 100 papers for IMECE 2008.
4. SMASIS 2008 report by Chris Rahn: TCVS 2008 fall meeting took place in SMASIS 2008. TCVS organized a symposium with 40 papers. SMASIS 2009 flyers are handed out in the meeting. Todd Rook pointed out that people outside TCVS may want to know how TCVS will pursue even-year conferences. After a long discussion, Chris Rahn suggested that the issue of even-year conferences be voted in the 2009 Autumn TCVS meeting.
5. IDETC 2009 report by George Flowers: The review is finishing up soon. There are 1440 papers submitted to IDETC 2009 conference. The number of papers submitted to 2009 Biennial Conference on Mechanical Vibration and Acoustics is around 200, as opposed to 300 papers in 2007 Conference. A possible reason is that some papers are submitted to AVTT and MNS Conference instead of the Vibration Conference. The reception will be in PETCO Park. No transportation will be required, and a ball game ticket will be included. There will be activities (e.g., student breakfast and student scavenger hunt) to enhance student participants experience.

6. Report on IDETC 2010 by Dane Quinn: No report.
7. IDETC 2011 report by Nader Jalili: The technical Program co-chairs are Olivier Bauchau (Georgia Tech) and Bogdan Epureanu (University of Michigan). Advisory Committee includes George Flowers, HS Tzou, Hamid Hamidzadeh, Ahmed Shabana and Subhash Sinha. ASME is finalizing the dates and site of the conference. Preferred dates include 7/31/11-8/31/11 and 9/11/11-9/28/11. The possible cities to hold the conference include Boston, Washington DC, Baltimore, Dallas and Miami.
8. JVA report from Kon-Well Wang. No report.
9. Liaison reports:
  - Noise Control Acoustics Division by Hambric. No report.
  - Applied Mechanics Division (Dynamics and Control of Systems and Structures) by Luo. No report.
  - Applied Mechanics Review by Tan – TCVS has voted Chin-An Tan several months ago for our new liaison to the Editorial Review Board of Applied Mechanics Review.
  - Adaptive Structures Committee by Kon-Well Wang – No report.
  - Design Engineering Division (Power Transmission & Gearing Committee) by Parker – The main activity is to organize 2009 biennial Power Transmission and Gearing (PTG) conference. Currently, PTG has 37 papers, with 5 covering dynamics/vibration and the remaining ones in design/analysis. Parker also asked TCVS symposium organizers to review if there were any PTG papers in the non-PTG conferences at IDETC. If such PTG papers are identified, Parker hoped to form joint sessions, or at least cross-list. George Flowers accepted the action to check for relevant papers.
  - International Activities Committee (reported by Chris Rahn on behalf of Wei-Hsin Liao) – Announcement of ICAST 2009 was sent out in October, and May 1 is the deadline for submitting an abstract.
  - Micro and Nano Systems Committee (Arvind Raman) – No report. Brian Mann volunteered to be a liaison for Micro and Nano Systems Committee.
  - Multibody and Nonlinear Systems Committee (Shukla) – No report.
  - Dynamic System and Control Division by Nader Jalili – No report.
10. TCVS webpage reported by Steve Shen. Moved TCVS web site to ASME. Updated the recipients of 2007 Den Hartog and N. O. Myklestad Awards to the web site. Will upload the approved 2008 Autumn meeting minutes and new bylaws to the web site. Bogdan suggested that TCVS awards should appear after a user search for awards in ASME web sites. Also, there should be links from and to Journal of Vibration and Acoustics.
11. Report from Industrial Subcommittee from Todd Rook. Todd suggested several things to think about.
  - Analyze constituents of other societies, such as SAE and AIAA, to see the industrial participation of other societies.

- Create an industry-specific award.
- Get industry-specific reviewers in journals.
- Introduce best industrial paper awards.
- Invite corporates to sponsor best student awards.
- Involve in developing standards.
- Bogdan suggested that we recruit keynote speakers from industry.

Rahn recommended that the committee focus on one area and bring a recommendation to the committee at the Fall meeting.

12. Fellow nomination from Steve Shaw. Steve Shaw will prepare a nomination in the fall.
13. New business 1 – New TCVS Awards by Bogdan Epureanu. Bogdan has developed rules for student paper competition. A major issue is that the committee to judge the student awards must have access to the submitted papers. After some discussion, the attendees agree that we implement the student awards in 2009 IDETC. Bogdan also suggest that we implement a best paper award for the Journal of Vibration and Acoustics. Rahn encouraged the subcommittee to focus on the student awards for IDETC 2009.
14. New business 2 – Board on Technical Knowledge Dissemination (Tzou). ASME is developing this new council to promote interdisciplinary activities, and his position at this board is to help such activities. Steve Shen will send out Tzou's email to TCVS members.
15. Election of new members. There are 9 applicants. After some discussion, Douglas Adams, Marco Amabili, Xiaoling He, Brian Mann and Steven Shaw are elected. Marco Amabili is the first term and others are second term.
16. The 2009 Den Hartog Award goes to Earl Dowell.
17. The 2009 N. O. Myklestad Award goes to Subhash Sinha.

## Treasurer's Report, Spring 2009.

The tables attached show the TCVS account balances before and after the fiscal years 2007, 2008, and 2009. Investment losses follow the stock performances during current economic recession. Notable transactions are listed below.

- Deposit in FY 2008 of \$20,028 into the TCVS general fund from revenues of IDETC'07.
- Expense in FY 2008 of \$5,034 from the TCVS general fund. This is an erroneous expense meant for NCAD. The money is being reimbursed.
- Expense in FY 2009 of \$10,000 from the TCVS general fund. This represents a transfer of \$5,000 to each of the Den Hartog and Myklestad accounts.
- Income in FY 2009 of \$10,000 to each of the Den Hartog and Myklestad accounts. This involves the \$5,000 transferred from the general fund, plus a \$5000 match from DED for each transfer.

**JACOB DEN HARTOG AWRD Activity**  
**4-04145004-XXXX**

	<b>FY 2009</b>	<b>FY 2008</b>	<b>FY 2007</b>
Operating Reserve:	41,962	45,720	30,546
<b><u>Source Of Income:</u></b>			
*Investment Income/(Loss)	(11,535)	(3,225)	5,174
Allocate Intersection Income	10,000	—	10,000
Total	-1,535	-3,225	15,174
<b><u>Expenses:</u></b>			
Certificate/Medal	—	33	—
Awards/Honararium	—	500	—
Total	0	533	0
Net Balance:	40,427	41,962	45,720

**MYKLESTAD AWRD Activity**  
**4-04145007 -xxxx**

	<b>FY 2009</b>	<b>FY 2008</b>	<b>FY 2007</b>
Operating Reserve:	21,550	23,746	11,752
<b><u>Source Of Income:</u></b>			
*Investment Income/(Loss)	-5,924	-1,663	1,994
Allocate Intersection Income	10,000		10,000
Total	4,076	-1,663	11,994
<b><u>Expenses:</u></b>			
Certificate/Medal	—	33	—
Awards/Honararium	—	500	—
Total	0	533	0
Net Balance:	25,626	21,550	23,746

**TECH COM VIBRATION & SOUND AWRD Activity**

**4-04145041-XXXX**

	<b>FY 2009</b>	<b>FY 2008</b>	<b>FY 2007</b>
Operating Reserve:	26,416	12,113	20,348
<b><u>Source Of Income:</u></b>			
*Investment Income/(Loss)	-7,262	-569	3,021
Allocate Intersection Income		20,028	
Total	-7,262	19,459	3,021
<b><u>Expenses:</u></b>			
Certificate/Medal	—	122	—
Food/Beverage	—	—	1,255
Allocate Intersection Expense	10,000	5,034	10,000
Total	10,000	5,156	11,255
Net Balance:	9,155	26,416	12,113

\* Comparative current FY09 thru 11/2008

Appendix: Emails on NCAD reimbursement.

-----Original Message-----

From: Richard Ulvila [<mailto:ulvilar@asme.org>]

Sent: Monday, March 23, 2009 1:59 PM

To: Brook Thompson

Cc: Richard Ulvila; [rrangan@centricsoftware.com](mailto:rrangan@centricsoftware.com); Chris Rahn; [kazem@engr.uconn.edu](mailto:kazem@engr.uconn.edu)

Subject: RE: Fwd: Noise Control & Acoustic Division - \$5,033.63

Brook,

Per our conversation, No one has objected to this correction. Credit Tech Committee of Vibration and Sound, a Committee of DED, and debit CIED, 40432.

Chris Rahn <[cdrahn@engr.psu.edu](mailto:cdrahn@engr.psu.edu)> 3/16/2009 3:43 PM >>>

Thanks you for looking into this, Richard. Of course, TCVS has no problem receiving the \$5K.

Regards, Chris

-----Original Message-----

From: Richard Ulvila [<mailto:ulvilar@asme.org>]

Sent: Monday, March 16, 2009 2:11 PM

To: [kazem@engr.uconn.edu](mailto:kazem@engr.uconn.edu); [cdrahn@psu.edu](mailto:cdrahn@psu.edu)

Cc: Brook Thompson; Richard Ulvila; [rrangan@centricsoftware.com](mailto:rrangan@centricsoftware.com)

Subject: Re: Fwd: Noise Control & Acoustic Division - \$5,033.63

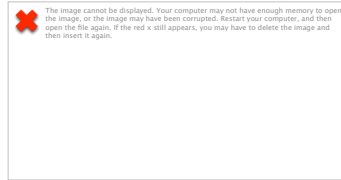
Kazem and Chris,

The NCAD billing error was corrected in May, 2008. It was debited to the incorrect account, Tech Committee of Vibration and Sound, a Committee of DED.

The history is that NCAD has contested this bill for years. It was a food and beverage bill from an old IDETC. The bill should have been debited to CIE. In May, 2008 it was debited to Tech Committee of Vibration and Sound, a Committee of DED.

NCAD is satisfied. CIED acknowledges that this is their expense.

If all agree, I will have accounting credit Tech Committee of Vibration and Sound, a Committee of DED, and debit CIED.



**TECH COM VIBRATION & SOUND**  
**04145041**

Statement of Revenue & Expense as of December 31 2008

Prior Year FY2008 Actuals			Budgeted	Actual
FY2008 JUL - DEC	FY2008 Year End		DEC	DEC
		<b>REVENUE</b>		
		<b>36 MISCELLANEOUS REVENUE</b>		
(170.59)	(344.38)	3612 INT DIV FEE DSTR	0.00	(181.10)
<u>(170.59)</u>	<u>(344.38)</u>	<b>36 TOTAL MISCELLANEOUS REVENUE</b>	<u>0.00</u>	<u>(181.10)</u>
		<b>45 INCOME FROM INVESTMENTS</b>		
(284.13)	(387.82)	4507 CAPL GAIN LOSS	0.00	(261.14)
482.94	1,301.22	4510 UNRLZD CAPL G L	0.00	(564.23)
<u>198.81</u>	<u>913.40</u>	<b>45 TOTAL INCOME FROM INVESTMENTS</b>	<u>0.00</u>	<u>(825.37)</u>
		<b>47 CONFERENCE/EXHIBITS REVENUE</b>		
0.00	(20,027.97)	4790 TRF TO DIV CUST	0.00	0.00
<u>0.00</u>	<u>(20,027.97)</u>	<b>47 TOTAL CONFERENCE/EXHIBITS REVENUE</b>	<u>0.00</u>	<u>0.00</u>
<b>28.22</b>	<b>(19,458.95)</b>	<b>** TOTAL REVENUE **</b>	<b>0.00</b>	<b>(1,006.47)</b>
		<b>EXPENSE</b>		
		<b>74 BADGES AND CERTIFICATES</b>		
122.30	122.30	7402 CERTIFICATES	0.00	0.00
<u>122.30</u>	<u>122.30</u>	<b>74 TOTAL BADGES AND CERTIFICATES</b>	<u>0.00</u>	<u>0.00</u>
		<b>80 ALLOCATIONS</b>		
0.00	5,033.63	8099 ALLOC INTERSECT	0.00	10,000.00
<u>0.00</u>	<u>5,033.63</u>	<b>80 TOTAL ALLOCATIONS</b>	<u>0.00</u>	<u>10,000.00</u>
<b>122.30</b>	<b>5,155.93</b>	<b>** TOTAL EXPENSE **</b>	<b>0.00</b>	<b>10,000.00</b>
		<b>BALANCE FORWARD</b>		
		<b>35 BEGINNING BALANCE</b>		
(12,113.18)	(12,113.18)	3500 FUND BAL OPTG	0.00	0.00
<u>(12,113.18)</u>	<u>(12,113.18)</u>	<b>35 TOTAL BEGINNING BALANCE</b>	<u>0.00</u>	<u>0.00</u>
<b>(12,113.18)</b>	<b>(12,113.18)</b>	<b>** TOTAL BALANCE FORWARD **</b>	<b>0.00</b>	<b>0.00</b>



**TECH COM VIBRATION & SOUND**  
**04145041**

Statement of Revenue & Expense as of December 31 2008

Prior Year FY2008 Actuals				R
FY2008 JUL - DEC	FY2008 Year End		Budgeted DEC	Actual DEC
(11,962.66)	(26,416.20)	** TOTAL TECH COM VIBRATION & SOUND **	0.00	8,993.53

## Program Report

Reporting Year FY2009		FY2009	
Budgeted JUL - DEC	Actual JUL - DEC	Forecast	Budget
0.00	(461.69)	0.00	0.00
<b>0.00</b>	<b>(461.69)</b>	<b>0.00</b>	<b>0.00</b>
0.00	180.92	0.00	0.00
0.00	6,535.84	0.00	0.00
<b>0.00</b>	<b>6,716.76</b>	<b>0.00</b>	<b>0.00</b>
0.00	0.00	0.00	0.00
<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>0.00</b>	<b>6,255.07</b>	<b>0.00</b>	<b>0.00</b>
0.00	0.00	0.00	0.00
<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
0.00	10,000.00	0.00	0.00
<b>0.00</b>	<b>10,000.00</b>	<b>0.00</b>	<b>0.00</b>
<b>0.00</b>	<b>10,000.00</b>	<b>0.00</b>	<b>0.00</b>
0.00	(26,416.20)	0.00	0.00
<b>0.00</b>	<b>(26,416.20)</b>	<b>0.00</b>	<b>0.00</b>
<b>0.00</b>	<b>(26,416.20)</b>	<b>0.00</b>	<b>0.00</b>

Reporting Year FY2009

FY2009

<b>Budgeted</b>	<b>Actual</b>	<b>Forecast</b>	<b>Budget</b>
<b>JUL - DEC</b>	<b>JUL - DEC</b>		
<b>0.00</b>	<b>(10,161.13)</b>	<b>0.00</b>	<b>0.00</b>



## **SMASIS 2008 Report to TCVS**

**April 5, 2009**

The Nonlinear Dynamics and Adaptive/Passive Control (NDPAC) Symposium was held at the inaugural Conference on Smart Materials, Adaptive Structures & Intelligent System (SMASIS). The ASME Technical Committee on Vibration and Sound (TCVS) co-sponsored this symposium to provide a venue for TCVS members to present their work in the even years to complement the odd year Vibrations Conference at IDETC. Chris Rahn from TCVS and Don Leo from the ASME Technical Committee on Adaptive Structures and Material Systems are co-organizing the symposium. The organizing committee included Ajit Achuthan (GE), Hans DeSmidt (University of Tennessee, Knoxville), Tad Calkins (Boeing), Mohammad Elahinia (University of Toledo), Nader Jalili (Clemson University), Brian Mann (Duke University), T. Michael Seigler (University of Kentucky), and Jiong Tang (University of Connecticut). The overall conference had more than 200 papers and almost 300 attendees. Thirty papers were presented in the NDPAC symposium including three invited papers from Jim Hubbard (NASA), Steve Shaw (Michigan State), and Kon-Well Wang (Penn State).

The NDPAC symposium focused on the dynamics and controls aspects of smart structures and their applications. The papers were grouped in the following seven sessions:

- 5-1 Passive and Feedforward Control**
- 5-2 Adaptive Structures**
- 5-3 Smart Structure Control**
- 5-4 Nonlinear Dynamics**
- 5-5 Control of Smart Actuator Systems**
- 5-6 Dynamics and Control of Micro/Nano Systems**
- 5-7 Nonlinear Vibrations**

**Report Prepared By:** Christopher D. Rahn

**IDETC 2009 Status Report**  
**April 3, 2009**

**1. Organization Committee:**

The conference organization committee consists of:

General Co-Chair	General Co-Chair	Program Co-Chair	Program Co-Chair
<b>Kurt Anderson</b> Rensselaer Polytechnic Institute Troy, NY 12180-3590 Tel: (518) 276-2339 E-mail: <a href="mailto:anderk5@rpi.edu">anderk5@rpi.edu</a>	<b>George Flowers</b> Auburn University, AL 36849 Tel: (334) 844-3330 E-Mail: <a href="mailto:flowegt@auburn.edu">flowegt@auburn.edu</a>	<b>Harry Dankowicz</b> University of Illinois at Urbana-Champaign Urbana, IL 61801 Tel: (217) 244-1231 E-Mail: <a href="mailto:danko@uiuc.edu">danko@uiuc.edu</a>	<b>Dane Quinn,</b> University of Akron Akron, OH 44325-3903 Tel: (330) 972-6302 E-Mail: <a href="mailto:quinn@uakron.edu">quinn@uakron.edu</a>

**2. Conference City:**

The 2009 ASME International Design Engineering Technical Conferences (IDETC) will take place August 30 - September 2, 2009, at the San Diego Convention Center in conjunction with the Omni San Diego Hotel. The San Diego Convention Center is located downtown along majestic San Diego Bay with the vibrant Gaslamp District and the San Diego Padres' PETCO Park at its doorstep. Currently the details as to room assignments for Technical committee meeting, Keynote talks, Workshops, etc. are being worked out.

**3. Participating Conferences**

IDETC 2009 has received a total of 1440 draft papers. The majority of these have been sent out for review. The review coordinators have been reminded to adhere to the posted April 3, 2009, review deadline. Additionally, review coordinators have been advised emphasize the importance of quality in the review process.

The approximate paper count is:

- 22nd Biennial Conference on Mechanical Vibration and Noise (VIB) [191 papers submitted]
- 29th Computers and Information in Engineering Conference (CIE) [226 papers submitted]
- 2009 ASME/IEEE International Conference on Mechatronic and Embedded Systems and Applications (MESA09) [104 papers submitted]
- 7th International Conference on Multibody Systems, Nonlinear Dynamics, and Control (MSNDC) [252 papers submitted]
- 35th Design Automation Conference (DAC) [160 papers submitted]
- ASME Power Transmission and Gearing Conference (PTG) [41 papers submitted]
- 20th Reliability, Stress Analysis, and Failure Prevention Conference (RSAFP) [28 papers submitted]
- 33rd Mechanisms and Robotics Conference (MECH) [165 papers submitted]
- 3rd International Conference on Micro- and Nanosystems (MNS) [72 papers submitted]

- 6th Symposium on International Design and Design Education (DEC) [40 papers submitted]
- 21st International Conference on Design Theory and Methodology (DTM) [99 papers submitted]
- 14th Design for Manufacturing and the Life Cycle Conference (DFMLC) [45 papers submitted]
- 11th International Conference on Advanced Vehicle and Tire Technologies (AVTT) [33 papers submitted]

### 3. Conference Webpage

The IDETC 2009 website is active and registration will go live shortly. It can found at <http://www.asmeconferences.org/idetc09/>

### 4. . Reception Fixed – Evening at Petco Part with the Padres

The IDETC/CIE 2009 reception has been fixed. It will consist of a barbeque (vegetarian options will be available) and a San Diego Padres baseball game (souvenir hats are planned), Monday evening August 31, 2009. Petco Park is immediately adjacent to the conference hotel (with a connecting “sky bridge”), so transportation shall not be an issue.

### 5. Enhancement of student participant experience

Matthew Parkinson of PSU has joined the conference organization effort and is aiding us in our effort to enhance the student experience. Current activities include, but are not limited to: Student breakfast; Student mixer/reception; Student scavenger hunt; Promotion of student involvement and attendance at awards luncheons (this includes subsidizing a block of student luncheon tickets as funds allow).

<b>Abstracts (Total)</b>	<b>207</b>
Awaiting Acceptance	0
Accepted	204
Awaiting Session Assignment	149
Assigned to Session	55
Rejected	3

<b>Draft Papers (Total)</b>	<b>197</b>
Awaiting Submittal	7
Authors Submitted	190
Awaiting Review	4
Under Review	118
Reviewed	68
Awaiting Acceptance	44
Under Revision	4
Accepted	20
Rejected	0

**Report Prepared by:**  
**George T. Flowers and Kurt Anderson**

Progress Report on

**2011 ASME International Design Engineering Technical  
Conferences and Computers in Engineering Conference  
(2011 IDETC/CIE)**

Submitted to:  
ASME DESIGN ENGINEERING DIVISION  
(TECHNICAL COMMITTEE ON VIBRATION AND SOUND)  
**April 1, 2009**

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This progress report is respectfully submitted to ASME Design Engineering Division for the 2011 ASME International Design Engineering Technical Conferences and Computers in Engineering Conference (2011 IDETC/CIE). In my previous report submitted in October 2008, the proposed organizational structure was disclosed to include a General Conference Committee, a Technical Program Committee with a Tutorial/Workshop Committee, an Advisory Committee and an International Scientific Committee. Along this line, the following organizers have been finalized.

**Conference General Chair:**

Dr. Nader Jalili  
Department of Mechanical Engineering  
Clemson University, Clemson, SC 29631-0921  
Tel: (864) 656-5642; Fax: -4435; Email: Jalili@clemson.edu

**Technical Program Co-Chairs:**

Dr. Olivier Bauchau  
Daniel Guggenheim School of Aerospace Engineering  
Georgia Institute of Technology, Atlanta, GA 30332-0150  
Tel: (404) 894-0042; Fax: -2760; Email: Olivier.bauchau@aerospace.gatech.edu

Dr. Bogdan Epureanu  
Department of Mechanical Engineering  
University of Michigan, Ann Arbor, MI 48109-2125  
Tel: (734) 647-6391; Fax: 615-6647; Email: Epureanu@umich.edu

**Advisory Committee:**

Prof. George Flowers – 2009 General Conference Co-Chair in San Diego  
Prof. H.S. Tzou – 2007 General Conference Chair in Las Vegas  
Prof. Hamid Hamidzadeh – 2005 General Conference Chair in Long Beach  
Prof. Ahmed Shabana – 2003 General Conference Chair in Chicago  
Prof. Subhash Sinha – 1999 General Conference Chair

Since October 2008, I have been actively working, in consultation with ASME conferences management, on finalizing the conference location and dates. While the selection for

conference site has not been finalized, a formal *Request For Proposal* for both meeting space and sleeping room requirements has been finalized and submitted with a response due from hotels by the middle of April 2009. A summary of the proposed dates, locations and conference pattern is as follows:

**Preferred Dates:**

July 31 – August 31, 2011

September 11-28, 2011

**Pattern:**

Saturday – Move In

Sunday - Workshops

Monday through Wednesday - Technical Sessions

**Black Out Dates:**

September 4–7, 2011 (ENOC – European Nonlinear Conference)

**Cities (in no order of preference):**

Boston, MA; Washington, DC; Baltimore, MD; Dallas, TX; Miami, FL

**Projected Attendance:**

1100

We are hoping to finalize the final conference location and dates by the end of May 2009 and complete other organizational efforts in order to assure a perfect execution in 2010 and 2011. Final conference plan and information will be presented during IDETC/CIE 2009 in San Diego.

Respectfully submitted,



Dr. Nader Jalili

Clemson University

Phone: (864) 656-5642,

Email: [jalili@clemson.edu](mailto:jalili@clemson.edu)

## Web Master Report for TCVS 2009 Spring Meeting

### BACKGROUND

1. In the past, TCVS web site was located at ASME. TCVS had full access to and control of the web site. Ed Berger was the web master.
2. In November 2008, ASME asks whether we would want to keep our web site at ASME. If we do, it will be under Design Engineering Division and has certain format with length of 2 pages. We may have limited access initially. Otherwise, we have to host our web site elsewhere.

### CURRENT STATUS

1. To make the story short, we finally decided to go for ASME. Steve Shen is now the web contact person.
2. The TCVS web site in ASME is actually very good. It is concise and has all the important information, such as bylaws, minutes, and awards.
3. Web URL: [http://divisions.asme.org/ded/Vibration\\_Sound.cfm](http://divisions.asme.org/ded/Vibration_Sound.cfm)
4. Update the recipients of [J.P. Den Hartog Award](#) and the [N.O. Myklestad Award](#).

Reported by Steve Shen

## **Board on Technical Knowledge Dissemination Report**

1. The "Interdisciplinary Councils (ICs)" is a unit under the ASME Board on Technical Knowledge Dissemination (BTKD). There is only one "Nanotechnology Council" under ICs now. A new "Nano-energy" council is being developed now.
2. The ICs welcome proposals of "new" councils and/or conferences which are "interdisciplinary" or "multidisciplinary" and beyond current ASME conference activities. For example, the Nanotechnology Council is now organizing a new ASME International 1st Global Congress on Nano Engineering for Medicine and Biology (NEMB2010). This congress is sponsored by a number of societies, including ASME, IEEE, Alliance for NanoHealth, USACM, ASME Nanotechnology Institute, etc.
3. ASME offers pretty generous revenue sharing with participating divisions.
4. The new endeavors can evolve to a new division or merge with an existing division. New journals can also be developed in the process.

Please discuss with me, if anyone is interested in leading a new activity. I'll do my best to make it happen.

H.S. Tzou  
Chair, Interdisciplinary Councils  
and Deputy, BTKD  
ASME Board on Technical Knowledge Dissemination (BTKD)