
Minutes of the Spring 2007 Meeting

March 18, 2007, 10:00 a.m.
Room 1045 ERF Building, 842 W. Taylor Street
University of Illinois at Chicago

Present:

Members and Ex-Officio

Caruntu, Clark, Epureanu, Feeny, Flowers, He, Liao, Mann, Mei, Quinn,
Rook, Shaw, Shen (prearranged conference call, due to snowstorm),
Shukla, Tang, Wang

Friends and Former Members

Kalmar-Nagy, Luo, Royston, Singh, Szasz, Tzou, Zhu

Members absent with cause: Adams (conference), Jalili (conference), Nataraj
(family crisis), Rahn (snowstorm).

Flowers (TCVS Chair) called the meeting to order at 11 a.m.

1. Approval of Minutes

The minutes of the November 9, 2006 meeting in Chicago were approved.

2. New Business

(a) TCVS Treasurer's Report (Flowers for Rahn) – See Appendix

There is not much change in the accounts since the November meeting. There is additional news from Judy Vance. The executive committee agreed to match up to \$5000 for contributions from our discretionary account to each award. Since TCVS has about \$21000 in the discretionary account, TCVS can put \$5000 into the Den Hartog account, and \$5000 into the Myklestad account, leaving about \$11000 in the discretionary account. If TCVS adds \$6000 more the Den Hartog account, the Den Hartog award will achieve the status of an ASME award. Clark suggested that the \$50000 needed for ASME award status is inaccurate, based on misinformation, and that actually \$40000 is needed for ASME status. The question arose as to whether it would be acceptable to move

funds from Den Hartog (currently at \$33943) to a level of \$30000, and then transfer \$5000 plus matching funds to achieve the \$40K level. Clark made the motion that TCVS transfers funds as appropriate, taking full advantage of the \$5000 match, to get Den Hartog to the status of an ASME award (even if it means getting the account to \$43943). The deadline for getting the matching funds is April 15. The ASME status will not apply to this year's awards. The motion was approved. Flowers moved that all other discretionary funds, except \$3000, be moved to the Myklestad account. The motion was approved.

(b) Report on IMECE 2007 tracks (Flowers)

There are two tracks to report on: Emerging Technologies; and Mechanical Systems and Control.

Report on Emerging Technologies track (Shen, via speaker phone)
There are two symposia that are getting abstracts. Others are not getting so many abstracts. There is a last push effort with a due date on 3/19/07, and the hope is to reach the target numbers. Based on the numbers, it is possible that the Emerging Technologies track may get merged with another track.

Report on Mechanical Systems and Control track (Luo)
There are a variety of symposia, organized by Luo, Mei, and Adams. They have received over 300 abstracts.

- a. Vibration and Control of Mechanical Systems: 60 abstracts
- b. Analysis and Control of Vibration and Wave Propagation: 20 abstracts
- c. There are jointly supported symposia with additional abstracts.

Adams emailed a report and forwarded IMECE statistics (appendix), indicating that tracks 17-5 and 17-6 have 33 abstracts together, as well as numbers for other symposia in the Mechanical Systems and Control track.

(c) Report on IDETC 2007 (Tzou)

Tzou gave an update on IDETC 2007 (appendix), with special thanks to Jalili and Wang. The IDETC is doing well. They have received over 1700 abstracts by February 28, distributed over 13 conferences in the IDETC. Tzou had proposed a cheaper registration fee, but it was not approved by ASME. Tzou is therefore looking for providing better conference gifts to participants. There are plans for a Reception at the hotel on the first night, and a second reception at Rio or Flamingo Hilton. The site is good, but transportation is an issue.

One other committee (not TCVS) has not been firm on deadlines. TCVS has been good on deadlines. Tzou requests that we hold the deadlines firm.

The preliminary technical program (appendix) is on the website. Based on 90% acceptance, there will be a problem with room availability. Tzou is working on dealing with that.

The total number of papers received from TCVS is 284, which is about the same as 2005.

There is an issue about the cost of wireless connections at the Hotel. An idea is to get our own wireless router for access. Flowers suggested being open with the Hotel about it to avoid trouble.

Tzou recommended having an appreciation dinner buffet.

Epureanu does not know the number of papers for the student paper competition, because the information is not available. Flowers and Tzou said the cost of the student paper competition should not be a problem.

Tzou is open to recommendations about the keynote address. Tzou requested again that TCVS follow the conference deadlines.

(d) Report on IDETC 2009 (Flowers)

The original planned site was the San Diego Sheraton. After a visit, the decision was to find another location, since the Sheraton is far from attractions other than the airport. Current considerations are Hilton, Hyatt, and Towne and Country (site of the Smart Structures meeting), the latter being an old facility but okay. Focus is on the Hilton and Hyatt, with the Towne and Country as the last resort. By the next committee meeting, the hotel will have been chosen. A webpage is being constructed, to be online soon after the fall 2007 meeting.

(e) Looking Ahead to IDETC 2011 (Flowers)

Proposals are needed by September, 2007, for potential chairs of the 2011 meeting. Nominations are requested. There is talk about alternating the chairing of IDETC with the Multi-Body and Nonlinear Dynamics Committee. Zhou suggested that TCVS initiate the action, chair the first meeting, and provide a proposal to the MBND Committee.

(f) Report on Journal of Vibration and Acoustics (Wang)

The rate of paper submission is increasing. A total of 112 papers were submitted in 2003, while 263 papers were submitted in 2006. The challenges are the backlog and increased handling effort. 2006 has 200 more total pages (800 total). There was a 10-month backlog, and now

there is a six-month backlog. A special issue is in progress (Vibration Based Structure and Health Monitoring, Mark Derriso (WPAFB) and Epureanu as guest editors), and the review process is almost done. It is desired to have better quality papers. Wang requests communication with IDETC organizers to solicit good papers from symposia. Organizers can request authors to submit to JVA, or ask KW to invite authors to submit. In any case, there will still be a regular journal review, perhaps using conference reviewers with a higher standard set. Symposia organizers can use the quality check (journal quality, honors quality) on the reviewer's form.

(f) Liaison Reports

- Applied Mechanics Division (DSSC) – Luo
 - (1) IMECE 2007, symposium on Dynamics and Control of structures and systems: 34 abstracts (under Mechanical Systems and Control track)
 - (2) New Secretary: Marco Amabili.
- Applied Mechanics Review – Pierre. No report.
Flowers indicated that Pierre's three-year term expired in 2005. Leissa had emailed that Pierre has regularly attended AMR meetings, and was a valued participant. Another TCVS participant may be okay, also. The TCVS will address this at the next meeting.
- Aerospace Division (ASC) – Wang
The ASC is thinking about an annual (probably) conference to replace its currently regular IMECE participation. ASC is looking at IDETC as a model. Flowers asked if they would be interested in IDETC. Wang said he doesn't know, but does know that ASC is working on a plan.
- DE Division (PTGC)—Parker
See the attached report (Appendix).
- Dynamic Systems and Control Division – Jalili, no report.
- International Activities Committee – Wei Hsin Liao
Liao has accepted to serve as the new liaison. Liao suggested that TCVS can be a technical sponsor for conferences outside the US. He also suggested that TCVS members and friends may have opportunities for distinguished lectures when traveling overseas. TCVS may also be able to take part in paper competitions with international activities. Flowers indicated that there is an opportunity to increase international participation by working with Liao.
- Micro and Nano Systems Committee – Raman, no report

- **Multibody and Nonlinear Dynamics – Shukla**
There are 20 symposia in IDETC 2007. There is some overlap with TCVS symposia, and perhaps the opportunity to cross list symposia. Tzou will see what he can do for 2007, and think about it for the future. Tzou indicated that revenue sharing could be an issue. After some discussion, it was agreed that co-listings can be done as a courtesy.
- **Noise Control and Acoustics Division – Hambric**
A report is attached (Appendix). NCAD requests TCVS participation in IMECE 07 and NoiseCon 2008.

(g) Report on TCVS Web Page (Berger). No report

(h) Report from Industrial Subcommittee (Nataraj). Emailed report.
In an email, Nataraj indicated that there was nothing to report on the Industrial subcommittee. He also reported, "Regarding NCAD, as you know, I am a co-organizer (representing TCVS) for the Computational vibration and acoustics session, and we haven't received too many papers; we haven't lost hope yet." Furthermore, he added, "Regarding the rotor dynamics sessions for the IDETC, even though we agreed to combine our symposia, it somehow didn't happen. I guess it is OK though as we seem to have attracted a decent number of papers."

(j) Report from ASME Fellow Nominating Committee (Wang)

There are three nominations in the works. He reminded that the criteria are on the ASME webpage, but they involve 10 years of membership, and a major impact—research, industrial, educational, etc. If anyone has a candidate, please inform Wang.

3. Old Business

Fourteen voting members were present, one of which was attending via teleconference (due to the snowstorm), plus the chair. It was agreed that these fifteen members were enough to establish a quorum.

(a) Election of New Members (Quinn)

Quinn introduced the attending applicants, and then dismissed nonmembers. Epureanu, Jalili and Quinn are completing their first three-year terms and are eligible for re-election. Suh, Tang, and Zu are completing their phase-in one-year terms and are eligible for re-election. The results of the membership vote were that Epureanu, Jalili, Quinn, Suh, Tang, and Zu were all re-elected. Tamas Kalmar-Nagy, Wei-dong Zhu, Rob Parker, and George Szasz were elected as new members.

(b) Selection of Den Hartog and Myklestad award winners (Feeny for Rahn)

The nominees for the Den Hartog awards were D. J. Inman and Diaz-Jimenez. D. J. Inman was selected unanimously. The nominees for the Myklestad award were Subash Sinha and Kon-Well Wang. Wang was selected.

Adjourned at 1:20 p.m.

Appendix
Reports given at the meeting

**Treasurer's Report for the Technical Committee of Vibration and
Sound**

March 18, 2007

Description	Beginning Balance September 2006	Ending Balance January 2007
Sub-Account 5041 – TCVS Discretionary	\$19,848	\$20,978
Sub-Account 5007 – Myklestad Award	\$11,752	\$13,063
Sub-Account 5004 – Den Hartog Award	\$30,546	\$33,943

Christopher D. Rahn, TCVS Vice-Chair/Treasurer

IMECE Statistics, 3/17/2007 (Abridged)
Abstracts (Total) 1972

Track 10 Emerging Technologies
Abstracts (Total) 21

10-1 General
Abstracts (Total) 2

10-2 8th Symposium on Advances in Materials Processing Science
Abstracts (Total) 1

10-3 Symposium on Phononic Materials and Bandgap Filters
Abstracts (Total) 8

10-4 Health Monitoring for Diagnostics and Prognostics of Engineered Systems
Abstracts (Total) 10

10-5 Panel on CFD / EFD Choice – A Dilemma for Industries
Abstracts (Total) 0

10-6 Ultrasonic Communication
Abstracts (Total) 0

Track 17 Mechanical Systems and Control
Abstracts (Total) 298

17-1 General
Abstracts (Total) 9

17-2 Active/Passive Noise Control
Abstracts (Total) 4

17-3 Application of Modeling, Identification and Intelligent Systems in Biomedical Systems
Abstracts (Total) 14

17-4 Intelligent Flow Systems – Modeling, Identification, Optimization and Control
Abstracts (Total) 9

17-5 Intelligent Systems
Abstracts (Total) 20

17-6 Model Identification

Abstracts (Total) 13

17-7 System Modeling

Abstracts (Total) 18

No 17-8 on web

17-9 Dynamics and Control of Structures and Systems

Abstracts (Total) 35

17-10 Analysis and Control of Vibrations and Wave Propagations

Abstracts (Total) 18

17-11 Vibration and Control of Mechanical Systems

Abstracts (Total) 58

17-12 Mechatronic Systems

Abstracts (Total) 53

17-13 Symposium on Advances in Robot Dynamics & Control

Abstracts (Total) 42

17-14 Mechatronics in Rotating Machinery

Abstracts (Total) 1



2007 ASME International Design Engineering Technical Conferences and Computers in Engineering Conference
 Rio All-Suite Hotel & Casino, Las Vegas, NV, September 4-7, 2007
<http://www.asmeconferences.org/idetc07>

PROGRESS REPORT AND PRELIMINARY TECHNICAL PROGRAM

Overview: Preparation for the technical program is progressing in accordance with established planning milestones. The event includes 13 conferences overall, a 30% increase in the number of conferences as compared to 2005 IDETC and a 75% increase in paper submissions, see details below.

Submission Schedule: The papers submission schedule was decided and agreed upon by all conferences. With the exception of an extension to the deadline of draft papers submission, the schedule was and will be enforced.

Table 1. Papers Submission Schedule

Paper Reviews Completed	April 2, 2007
Author Notification of Acceptance:	April 20, 2007
Submission of Copyright Form (1903):	May 7, 2007
Submission of Final Paper:	May 28, 2007

Papers Statistics: The conference received a record breaking of **1,700+** abstracts and **1,400+** papers, contributing to the 13 conferences given below.

Number of Abstracts Submitted (by 02/28/2007): 1,700+

Number of Abstracts Submitted (by 03/14/2007): 1,453

- 21st Biennial Conference on Mechanical Vibration & Noise (VIB) **284**
- 27th Computers and Information in Engineering Conference (CIE) **153**
- 2007 ASME/IEEE International Conference on Mechatronic and Embedded Systems and Applications (MESA07) **52**
- 6th International Conference on Multibody Systems, Nonlinear Dynamics, and Control (MSNDC) **239**
- 33rd Design Automation Conference (DAC) **172**
- 10th ASME International Power Transmission and Gearing Conference (PTG) **138**
- 19th Reliability, Stress Analysis, and Failure Prevention Conference (RSAFP) **21**
- 31st Mechanisms and Robotics Conference (MECH) **158**

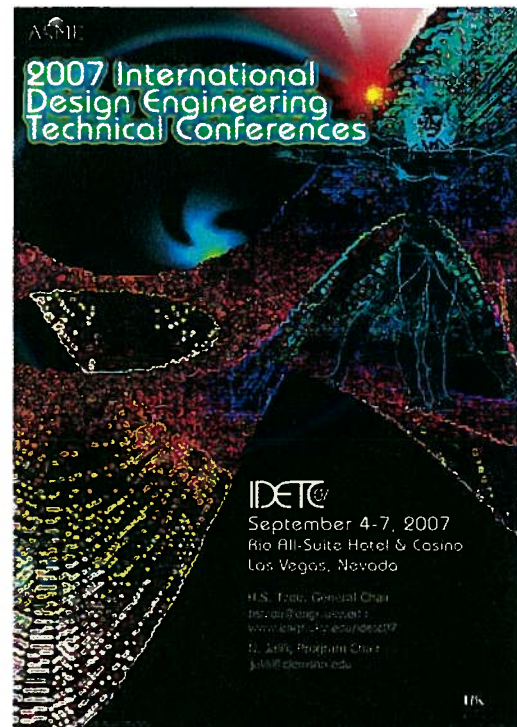


- 1st International Conference on Micro- and Nanosystems (MNS) **50**
- 4th Symposium on International Design and Design Education (DEC) **25**
- 19th International Conference on Design Theory and Methodology (DTM) **93**
- 12th Design for Manufacturing and the Life Cycle Conference (DFMLC) **37**
- 9th International Conference on Advanced Vehicle and Tire Technologies (AVTT) **31**

Again, the General and Program Chairs (H.S. Tzou and Nader Jalili) would like to express their sincerest thanks to all conference and symposium organizers, technical committee chairs, ASME staffs (Erin Dolan and Christina Perakis), as well as various advisory and international committee members. Without these “leaders” and “promoters,” this new record setting is not possible. Preparation for the technical conference is progressing in accordance with planned schedules.

In addition to the excellent technical program, IDETC/CIE07 plan to offer two receptions. Two engineering deans: Dr. Tom Lester, University of Kentucky (UK), and Dr. Eric Sandgren, University of Nevada, Las Vegas (UNLV), will welcome all old and new friends at the Deans’ Reception planned for the first evening on UNLV campus. The IDETC/CIE will host the second reception at either Rio, Flamingo, or Paris. (Please refer to the final program or web information for details.)

Report respectfully submitted by:
Horn-Sen (H.S.) Tzou,
General Conference Chair
(University of Kentucky)
Nader Jalili,
Technical Program Chair
(Clemson University)



APPENDIX: IDETC/CIE Conferences

1. 21st Biennial Conference on Mechanical Vibration and Noise (VIB) (TC of Vibration and Sound) – Conference Chair: Horn-Sen (H.S.) Tzou (hstzou@engr.uky.edu); Program Chair: Nader Jalili (Jalili@clemson.edu)
2. 27th Computers and Information in Engineering Conference (CIE) (Computers in Engineering Division) – Conference Chair: Chris Paredis (chris.paredis@me.gatech.edu); Program Chair: Ravi Rangan (rrangan@centricsoftware.com)
3. 6th International Conference on Multibody Systems, Nonlinear Dynamics, and Control (MSNDC) (Multibody Systems and Nonlinear Dynamics Committee) – Conference Chair: Subhash Sinha (ssinha@eng.auburn.edu); Program Chair: Bala Balachandran (balab@eng.umd.edu)
4. 2007 ASME/IEEE International Conference on Mechatronic and Embedded Systems and Applications (MESA07) – Conference Chair: F. Wang (feiyue@sie.arizona.edu)
5. 33rd Design Automation Conference (DAC) (Design Automation Committee) – Conference Chair: Timothy W. Simpson (tws8@psu.edu); Program Chair: Frank Liou (liou@umr.edu)
6. 10th ASME International Power Transmission and Gearing Conference (PTG) (Power Transmission and Gearing Committee) – Conference Chair: Ahmet Kahraman (kahraman.1@osu.edu); Program Chair: Avinash Singh (Avinash.Singh@gm.com)
7. 19th Reliability, Stress Analysis, and Failure Prevention Conference (RSAFP) (Reliability, Stress Analysis, and Failure Prevention Committee) – Conference Chair: Erol Sancaktar (erol@uakron.edu)
8. 31st Mechanisms and Robotics Conference (MECH) (Mechanisms and Robotics Committee) – Conference Chair: Jahangir. S. Rastegar (jahangir.rastegar@sunysb.edu), Program Chair: Qiaode J. Ge (Qiaode.Ge@stonybrook.edu)
9. 1st International Conference on Micro- and Nanosystems (MNS) (Micro and Nano Systems Committee) – Conference Chair: Laxman Saggere (saggere@uic.edu); Program Chair: Arvind Raman (raman@ecn.purdue.edu)
10. 4th Symposium on International Design and Design Education (DEC) (Design Education Committee) – Conference Chair: Gul Kremer (gek3@engr.psu.edu), Program Chair: Michael Keefe (keefe@udel.edu)
11. 19th International Conference on Design Theory and Methodology (DTM) (Design Theory and Methodology Committee) – Conference Chair: Robert Stone (rstone@umr.edu); Program Chair: Li Shu (shu@mie.utoronto.ca)
12. 12th Design for Manufacturing and the Life Cycle Conference (DFMLC) (Design for Manufacturing Committee) – Conference Chair: Edward P. Morse (emorse@uncc.edu), Program Chair: Peter Sandborn (sandborn@calce.umd.edu)
13. 9th International Conference on Advanced Vehicle and Tire Technologies (Vehicle Design Committee) – Conference Chair: Moustafa El-Gindy (mxe15@psu.edu), Program Chair: Corina Sandu (csandu@vt.edu)



<http://www.asmeconferences.org/idetc07>

2007 ASME International Design Engineering Technical Conferences and Computers in Engineering Conference

Rio All-Suite Hotel & Casino, Las Vegas, NV, September 4-7, 2007

PRELIMINARY TECHNICAL PROGRAM

Prepared by Prof. Nader Jalili

Tuesday, September 4, 2007

8:00-12:00 PM	Workshops/Tutorials (8)
1:00-5:00 PM	Workshops/Tutorials (8)
6:00-9:00 PM	Conference Opening Reception (ULNV & UK Deans' Dinner) (1 reception, 16 workshops/tutorials)

Wednesday, September 5, 2007

7:15-8:15 AM	Technical Program Opening Reception (Breakfast at Pen & Teller)
8:30-10:00 AM	General Session (Conference Welcoming and <i>the</i> Keynote Speech)
10:00-10:30 AM	Coffee Break
10:30-12:00 PM	Technical Sessions (25 parallel sessions, 125 papers)
12:00-1:30 PM	Lunch ³
1:45-3:15 PM	Technical Sessions (20 parallel sessions, 100 papers)
3:15-3:30 PM	Coffee Break
3:30-5:00 PM	Technical Sessions (20 parallel sessions, 100 papers)
5:00-5:15 PM	Coffee Break
5:15-6:45 PM	Technical Sessions (20 parallel sessions, 100 papers)
8:00-11:00 PM	Conference Social Reception (Outdoor Pool Party at Flamengo) (2 receptions, 85 parallel sessions, 425 papers)

Notes:

1. Move-in exhibits is 7:00-9:00 AM.
2. Technical Committees are held during the day from 10:00 AM to 7:00 PM.
3. DED (350) and CIE (150) Luncheons.

Thursday, September 6, 2007

7:15-8:15 AM	Authors Breakfast
8:30-10:00 AM	Technical/Plenary Sessions (25 sessions, 125 papers)
10:00-10:30 AM	Coffee Break
10:30-12:00 PM	Technical Sessions (25 parallel sessions, 125 papers)
12:00-1:30 PM	Lunch ²
2:00-3:30 PM	Technical Sessions (20 parallel sessions, 100 papers)
3:30-4:00 PM	Coffee Break
4:00-5:30 PM	Technical Sessions (20 parallel sessions, 100 papers)
6:00-7:30 PM	Students Happy Hour/Networking Reception (Light Dinner and Door Prizes)
8:00-11:00 PM	Conference Organizers Appreciation/Awards Dinner (2 receptions, 90 parallel sessions, 450 papers)

Notes:

1. Technical Committees are held during the day from 10:00 AM to 7:00 PM.
2. VIB (300), MECH (200), DAC/DTM/DFMLC/etc (350) Luncheons.

Friday, September 7, 2007

7:15-8:15 AM	Authors Breakfast
8:30-10:00 AM	Technical Sessions (25 parallel sessions, 125 papers)
10:00-10:30 AM	Coffee Break
10:30-12:00 PM	Technical Sessions (25 parallel sessions, 125 papers)
12:00-1:30 PM	Lunch ³
2:00-3:30 PM	Technical Sessions (25 parallel sessions, 125 papers)
3:30-4:00 PM	Coffee Break
4:00-5:30 PM	Technical Sessions (25 parallel sessions, 125 papers) (100 parallel sessions, 500 papers)

Notes:

1. Move-out exhibits is from 4:00-6:00 PM.
2. Technical Committees are held during the day from 10:00 AM to 12:00 PM.
3. MSNCD (300) and PTG (150) Luncheons.

Proposed Sessions Allocation: Based on the proposed schedule and available rooms, a total of 1375 papers (Wed, 425; Thu, 450 and Fri, 500) in 275 sessions (Wed, 85; Thu, 90 and Fri, 100) could be accommodated. This results in 75 papers to be rejected, giving a 95% acceptance rate overall. However, this does not include the needed rooms for plenary sessions requested by almost each conference. While some of the rooms for breakfast could be used for this purpose and we are negotiating more meeting rooms at the moment, I am proposing a more conservative plan to accommodate plenary sessions within the currently available meeting rooms. For this, an additional 35 papers must be rejected to reduce the total of papers to 1340 with an acceptance rate of about 92% overall. This will release 7 additional rooms for the plenary sessions and/or committee meetings (if needed). Based on this, the following preliminary sessions allocation for each conference is proposed. As we move forward, this allocation will be updated based on the new information.

Proposed Sessions Allocation:

- **(VIB) 54 Sessions, 270 papers (acceptance rate 96%)**
- **(CIE) 28 Sessions, 140 papers (acceptance rate 92%)**
- **(MESA07) 9 Sessions, 45 papers (acceptance rate 87%)**
- **(MSNDC) 44 Sessions, 220 papers (acceptance rate 92%)**
- **(DAC) 32 Sessions, 160 papers (acceptance rate 93%)**
- **(PTG) 26 Sessions, 130 papers (acceptance rate 94%)**
- **(RSAFP) 4 Sessions, 20 papers (acceptance rate 95%)**
- **(MECH) 30 Sessions, 150 papers (acceptance rate 95%)**
- **(MNS) 9 Sessions, 45 papers (acceptance rate 90%)**
- **(DEC) 4 Sessions, 20 papers (acceptance rate 77%)**
- **(DTM) 17 Sessions, 85 papers (acceptance rate 91%)**
- **(DFMLC) 6 Sessions, 30 papers (acceptance rate 81%)**
- **(AVTT) 5 Sessions, 25 papers (acceptance rate 81%)**

Total Number of Allocated Sessions, 268; Papers, 1340; Overall acceptance rate 92%)

Outlook and Requested Information: The next step in the technical program planning is review the preliminary program and assignments of plenary sessions, confirmation of luncheons and technical committee meetings. The General Chair or Program Chair of each conference is responsible to provide me with the following ASAP.

1. Pls. review the proposed luncheon and report to me any conflicts or suggestions.
2. Pls. provide the number of plenary sessions and/or panel sessions for your conference with expected number of attendees. These will be preferably on Thursday, September 6, 2007.
3. Pls. provide the number of committee meetings, preferred day and time and number of attendees.
4. Pls. provide the number of expected poster presentations.

21st Biennial Conference on Mechanical Vibration and Noise (VIB) Collapse All Topic

Abstracts (Total)	323	Draft Papers (Total)	321	Final Papers (Total)	0
Awaiting Acceptance	0	Awaiting Submittal	37	Awaiting Submittal	0
Accepted	321	Authors Submitted	284	Authors Submitted	0
Awaiting Session Assignment	286	Awaiting Review	95	Awaiting Copyright Form	0
Assigned to Session	35	Under Review	187	Received Copyright Form	0
		Reviewed	2		
		Awaiting Acceptance	2		
		Under Revision	0		
		Accepted	0	Withdrawn by Author	68
Rejected	2	Rejected	0	Author Requests Re-	0

VIB-1 Active, Passive and Hybrid Vibration and Noise Control

Abstracts (Total)	37	Draft Papers (Total)	37	Final Papers (Total)	0
Awaiting Acceptance	0	Awaiting Submittal	2	Awaiting Submittal	0
Accepted	37	Authors Submitted	35	Authors Submitted	0
Awaiting Session Assignment	37	Awaiting Review	0	Awaiting Copyright Form	0
Assigned to Session	0	Under Review	35	Received Copyright Form	0
		Reviewed	0		
		Awaiting Acceptance	0		
		Under Revision	0		
		Accepted	0	Withdrawn by Author	8
Rejected	0	Rejected	0	Author Requests Re-	0

VIB-2 Vibration and Control of Continuous Systems Expand All Session

Abstracts (Total)	24	Draft Papers (Total)	23	Final Papers (Total)	0
Awaiting Acceptance	0	Awaiting Submittal	2	Awaiting Submittal	0
Accepted	23	Authors Submitted	21	Authors Submitted	0
Awaiting Session Assignment	0	Awaiting Review	11	Awaiting Copyright Form	0
Assigned to Session	23	Under Review	10	Received Copyright Form	0
		Reviewed	0		
		Awaiting Acceptance	0		
		Under Revision	0		
		Accepted	0	Withdrawn by Author	4
Rejected	1	Rejected	0	Author Requests Re-	0

VIB-2-1 Vibration of Gyroscopic Continuous Systems

VIB-2-2 Vibrational Design of Continuous Systems

VIB-2-3 Vibration and Control of Nonlinear Continuous Systems

VIB-2-4 Vibration of Complex Continuous Systems

VIB-3 Nonlinear Phenomena in Wave Propagation and Acoustics

Abstracts (Total)	9	Draft Papers (Total)	9	Final Papers (Total)	0
Awaiting Acceptance	0	Awaiting Submittal	2	Awaiting Submittal	0
Accepted	9	Authors Submitted	7	Authors Submitted	0
Awaiting Session Assignment	9	Awaiting Review	2	Awaiting Copyright Form	0
Assigned to Session	0	Under Review	5	Received Copyright Form	0
		Reviewed	0		
		Awaiting Acceptance	0		
		Under Revision	0		
		Accepted	0	Withdrawn by Author	2

		Under Revision	0		
		Accepted	0		
Rejected	0	Rejected	0	Withdrawn by Author	6
				Author Requests Re-	0
				instatement	

▣ VIB-8 Nonlinear System Identification and Reduced Order Modeling

Abstracts (Total)	7	Draft Papers (Total)	7	Final Papers (Total)	0
Awaiting Acceptance	0	Awaiting Submittal	0	Awaiting Submittal	0
Accepted	7	Authors Submitted	7	Authors Submitted	0
Awaiting Session Assignment	7	Awaiting Review	7	Awaiting Copyright	0
Assigned to Session	0	Under Review	0	Form	
		Reviewed	0	Received Copyright	0
		Awaiting Acceptance	0	Form	
		Under Revision	0		
		Accepted	0		
Rejected	0	Rejected	0	Withdrawn by Author	2
				Author Requests Re-	0
				instatement	

▣ VIB-9 Coupling Experimental-Based and Analytical Linear/Nonlinear Dynamic Models

Abstracts (Total)	6	Draft Papers (Total)	6	Final Papers (Total)	0
Awaiting Acceptance	0	Awaiting Submittal	1	Awaiting Submittal	0
Accepted	6	Authors Submitted	5	Authors Submitted	0
Awaiting Session Assignment	6	Awaiting Review	5	Awaiting Copyright	0
Assigned to Session	0	Under Review	0	Form	
		Reviewed	0	Received Copyright	0
		Awaiting Acceptance	0	Form	
		Under Revision	0		
		Accepted	0		
Rejected	0	Rejected	0	Withdrawn by Author	1
				Author Requests Re-	0

▣ VIB-10 Smart Material Systems

Abstracts (Total)	18	Draft Papers (Total)	17	Final Papers (Total)	0
Awaiting Acceptance	0	Awaiting Submittal	1	Awaiting Submittal	0
Accepted	17	Authors Submitted	16	Authors Submitted	0
Awaiting Session Assignment	17	Awaiting Review	1	Awaiting Copyright	0
Assigned to Session	0	Under Review	15	Form	
		Reviewed	0	Received Copyright	0
		Awaiting Acceptance	0	Form	
		Under Revision	0		
		Accepted	0		
Rejected	1	Rejected	0	Withdrawn by Author	5
				Author Requests Re-	0

▣ VIB-11 Model Identification and Intelligent Systems

Abstracts (Total)	11	Draft Papers (Total)	11	Final Papers (Total)	0
Awaiting Acceptance	0	Awaiting Submittal	0	Awaiting Submittal	0
Accepted	11	Authors Submitted	11	Authors Submitted	0

☒ VIB-14-1 Vibration and Acoustics in Biomedical Applications I

☒ VIB-14-2 Vibration and Acoustics in Biomedical Applications II (Technical Session)

☒ VIB-15 Linear and Nonlinear Bio-Dynamics

Abstracts (Total)	8	Draft Papers (Total)	8	Final Papers (Total)	0
Awaiting Acceptance	0	Awaiting Submittal	0	Awaiting Submittal	0
Accepted	8	Authors Submitted	8	Authors Submitted	0
Awaiting Session Assignment	8	Awaiting Review	0	Awaiting Copyright Form	0
Assigned to Session	0	Under Review	8	Received Copyright Form	0
		Reviewed	0		
		Awaiting Acceptance	0		
		Under Revision	0		
		Accepted	0		
Rejected	0	Rejected	0	Withdrawn by Author	1
				Author Requests Re-instatement	0

☒ VIB-16 Modeling, Vibration and Control of Rotor Systems

Abstracts (Total)	41	Draft Papers (Total)	41	Final Papers (Total)	0
Awaiting Acceptance	0	Awaiting Submittal	8	Awaiting Submittal	0
Accepted	41	Authors Submitted	33	Authors Submitted	0
Awaiting Session Assignment	41	Awaiting Review	33	Awaiting Copyright Form	0
Assigned to Session	0	Under Review	0	Received Copyright Form	0
		Reviewed	0		
		Awaiting Acceptance	0		
		Under Revision	0		
		Accepted	0		
Rejected	0	Rejected	0	Withdrawn by Author	4
				Author Requests Re-	0

☒ VIB-17 Rotor Dynamics: Nonlinear Analysis, Control & Diagnostics

Abstracts (Total)	24	Draft Papers (Total)	24	Final Papers (Total)	0
Awaiting Acceptance	0	Awaiting Submittal	2	Awaiting Submittal	0
Accepted	24	Authors Submitted	22	Authors Submitted	0
Awaiting Session Assignment	24	Awaiting Review	0	Awaiting Copyright Form	0
Assigned to Session	0	Under Review	22	Received Copyright Form	0
		Reviewed	0		
		Awaiting Acceptance	0		
		Under Revision	0		
		Accepted	0		
Rejected	0	Rejected	0	Withdrawn by Author	8
				Author Requests Re-	0

☒ VIB-18 Engine and Powertrain Dynamics

Abstracts (Total)	6	Draft Papers (Total)	6	Final Papers (Total)	0
Awaiting Acceptance	0	Awaiting Submittal	2	Awaiting Submittal	0
Accepted	6	Authors Submitted	4	Authors Submitted	0
Awaiting Session Assignment	6	Awaiting Review	4	Awaiting Copyright Form	0
Assigned to Session	0	Under Review	0	Received Copyright Form	0
		Reviewed	0		
		Awaiting Acceptance	0		
		Under Revision	0		

Awaiting Session Assignment	15	Awaiting Review	0	Awaiting Copyright Form	0
Assigned to Session	0	Under Review	11	Received Copyright Form	0
		Reviewed	0		
		Awaiting Acceptance	0		
		Under Revision	0		
		Accepted	0		
Rejected	0	Rejected	0	Withdrawn by Author	4
				Author Requests Re-instatement	0

**IDETC 2009 Status Report
March 18, 2007**

1. Organization Committee Finalized

The conference organization committee consists of:

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

2. Conference City has been chosen

IDETC 2009 will be held in San Diego. Erin Dolan (ASME Meeting Manager) will be sending out a new RFP to the San Diego hotels within the next few weeks. The co-chairs have also prepared and submitted an *ASME Event Approval Form* to ASME.

3. Conference Webpage

A *Website Request Form* has been submitted to ASME, which will develop and maintain the necessary secure toolboxes for such things as fee payment, paper review, etc. A local IDETC 2009 website will also be established at either Rensselaer Polytechnic Institute or Auburn University. Our goal is to have the local site on-line by the end of IDETC 2007.

4. Conference Announcement and Call For Papers

No attempt has yet been made to produce these items as of yet.

Report Prepared by
George T. Flowers

Power Transmission and Gearing Liaison Report--

The PTG committee is handling 138 submitted papers for the 10th Intl. Power Transmission and Gearing Conference to be held this September at IDETC (Las Vegas). Of these, about 35 relate directly to vibration and noise, mostly of gears but also in belts and chains. The specific number of papers submitted by authors to the "Gear Dynamics and Noise" category is 29.

We have had correspondence between Nader Jalili (general program chair) and Ahmet Kahraman (PTG conf chair) regarding cross-listing the PTG sessions on dynamics/noise with the VIB conference. This was done with good success in 2003, the first time the large international PTG conf coincided with the VIB conf. Tom Royston coordinated that cross-listing, so he might have advice to Ahmet and Nader.

The PTG committee meets at GM in Detroit on March 9 to coordinate handling of the 138 submitted papers.

TCVS Report on MSNDC

Chicago, IL March 18th 2007

Report on IDETC 2007

Organizing 20 symposiums with multiple sessions on various topics including:

Bio dynamics

Molecular dynamics

Flexible multibody dynamics

Design Optimization

Contact dynamics

Non smooth dynamics

Time varying and time delay systems

Nonlinear resonances and interactions

Vehicle and railroad dynamics

ASME NCAD Liaison to TCVS Report

14 March 2007

Stephen A. Hambric

IMECE 2007

NCAD and TCVS have joined to co-sponsor several sessions at this year's IMECE, to be held in Seattle, WA. So far, abstract submission is down throughout the conference, including our joint sessions. Many will run, but some may not – we'll know more after the deadline next Monday.

Regardless of the final IMECE 2007 program, NCAD plans to continue collaborating with TCVS to co-sponsor sessions at future IMECE and IDETC meetings.

NoiseCon 2008

NCAD will forgo IMECE in 2008, instead having our first joint meeting with the Institute of Noise Control Engineering (INCE), to be held at NoiseCon 2008, 28-31 July, in Dearborn, Michigan.

INCE is an organization of over 1000 noise control engineers, most of who work in acoustics and noise control companies throughout the United States. This joint meeting will blend the research and development work performed by ASME NCAD members with the practical noise control applications (along with other R&D) presented by INCE.

We expect 150-200 papers, and 250-300 participants at the joint meeting, and welcome contributions from all NCAD, *as well as TCVS* members. Since this will be a non-IDETC year, some TCVS members may be interested in this venue in lieu of IMECE 2008.

All ASME papers will be submitted and peer-reviewed in the usual manner, on an ASME-sanctioned website. The ASME papers will be published on a CD separate from the INCE papers. Both CDs will be available at the joint conference. NoiseCon will be followed immediately by a one day INCE conference on sound quality (SQS 2008), which ASME NCAD and TCVS members are also welcome to attend.

We'll be planning our NoiseCon 2008 ASME NCAD sessions at this year's IMECE. Any TCVS members who would like to join in the planning are welcome, and should contact me at (814) 863-3030, or sah19@only.arl.psu.edu so I can invite you to our planning session. If you won't be at IMECE 2007, and still would like to participate in NoiseCon 2008, contact me anyway, and we'll be sure to include your session.