

---

## Minutes of the Fall 2007 Meeting

September 5, 2007, 5:30 p.m.  
Room Palma C/D, Rio Hotel and Casino  
Las Vegas, Nevada

Present:

Members and Ex-Officio

Berger, Caruntu, Clark, Dai, Epureanu, Feeny, Flowers, He, Jalili, Liao, Mann, Nataraj, Parker, Quinn, Rahn, Shaw, Shukla, Tang, Wang, Zhu, Zu

Friends and Former Members

Al-Jumaily, Bidkar, DeSmidt, Ehrich, Hamidzadeh, Hussein, Jana, A. Luo, H. Luo, Mechefske, Rhoads, Saniei, Starr, Tzou

Flowers (TCVS Chair) called the meeting to order at 5:40 p.m. Flowers mentioned that, because of the schedules of those delivering reports, items 2(f) and 2(j) would be reported after 2(b), and item 3(a) would be discussed after 2(c). However, these minutes are organized according to the agenda order.

### **1. Approval of Minutes**

The minutes of the March 18, 2007 meeting in Chicago were approved.

### **2. Old Business**

(a) TCVS Treasurer's Report (Rahn)--See Appendix for attached report

The TCVS has put \$5000 from our discretionary account to each of the Den Hartog and Mykelstad awards, and the Executive Committee has matched both amounts, thereby totaling \$10,000 added to the account of each award. This puts the Den Hartog award account over the \$40,000 needed to make it a society award.

(b) Report on IMECE 2007 tracks (A. Luo)—see attached report

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

A total of 270 abstracts were accepted, and then 243 final drafts were accepted for the Mechanical Systems and Control track.

(c) Report on IDETC 2007 (Tzou)—see attached report

Tzou gave a summary of the participation in the conference. Flowers commended Tzou and Jalili for a job well done.

(d) Report on IDETC 2009 (Flowers)—see attached report

The site chosen for the IDETC 2009 in San Diego is a hotel in the “gas-light district”, which is a nice venue. Kurt Anderson will be the conference organizer. The web site is up and going. Quinn and Harry Dankowicz will be the program chairs. Contact Quinn, Dankowicz, or Flowers with questions and comments.

(e) Looking Ahead to IDETC 2011 (Flowers)

A conference chair must be selected soon, by the March meeting at the latest. Nataraj suggested sending in proposals. Tzou nominated Jalili. Flowers asked for interested parties to send in short proposals (much shorter than a page) so that the TCVS can vote in March. Jalili suggested some continuity in future years for TCVS/MSNDC (in reference to item 3(a)).

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

The number of associate editors is being increased to lighten the loads of each editor and speed up the process. The newest editors are Weidong Zhu, Jean Zu, and Mike Brennan. A special issue on Structural Health Monitoring, with guest editor Epureanu, is to be published this year. The number of papers has increased from 112 in 2003 to 263 in 2006. ASME increased the total page allotment from 600 to 800 to reduce the backlog from 5-6 issues to 3-4 issues. More good papers are wanted. IDETC symposium organizers are asked to identify and encourage the authors of good papers from the symposia to submit to the Journal and undergo a more rigorous review process.

(g) Liaison Reports

- Applied Mechanics Division (DSSC) – Luo  
Amabili is the new chair. See the attached report for IMECE symposium numbers.
- Applied Mechanics Review – Pierre. No report.

- Aerospace Division (ASC) – Wang. No report
- DE Division (PTGC)—Parker. No report
- Dynamic Systems and Control Division – Jalili.  
Jalili is willing to serve as liaison. TCVS is in agreement as well. Jalili will investigate DSC's future conference plans (see item 3(a)).
- International Activities Committee – Wei Hsin Liao  
TCVS can participate as a financial or technical sponsor of international conferences. Suggestions were requested. Flowers said Liao's assistance would be appreciated if TCVS participates in international conferences (see 3(a)).
- Micro and Nano Systems Committee – Berger for Raman  
The committee is actively discussing their options for future meetings.
- Multibody and Nonlinear Dynamics – Shukla  
Shukla will follow up on discussions on 3(a) with inquiry about MSNDCs conference plans.
- Noise Control and Acoustics Division – Hambric  
NCAD would like to continue collaboration with TCVS.

(h) Report on TCVS Web Page (Berger).

The webpage is up. Berger requested feedback on the webpage. Hit statistics are underway, and a blog will be set up. The I-Meccanica blog was mentioned as a reference model. Flowers requested breaking the link to the old page, which is out of date.

(i) Report from Industrial Subcommittee (Nataraj).

The mission of this subcommittee may soon be redefined. More will be reported in March.

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

Rahn and A. Luo were nominated and named as ASME fellows. Citations were read for each.

### 3. New Business

(a) Discussion of even year participation (at IDETC or other venues) (Rahn)

Changes in IMECE (tracks, reduced technical committee involvement, and a probable name change) lead the TCVS to consider a new option. The following discussion shows a very wide range of ideas and opinions. These notes are recorded by topic, and not chronologically.

One option is to attend the IDETC in even years as well as odd years. Some other committees are doing it. Tzou related his concerns. First concern is based on IDETC management issues. Tzou says issues trace back to 1987 in Sacramento, when some arrangement was attempted. Concern is that the financial returns to TCVS may not be significant. Currently TCVS is doing well, breaking records in IDETC participation. Income to TCVS maybe not as good as in another venue. Second concern is that TCVS may get better visibility in another venue. Third concern is that TCVS might prefer to do even year conference in other countries.

An international option is to participate in Albert Luo's current even year conference activity, which is international. 2008 could be an experiment, and 2010 the final experiment. If an international conference is chosen, it should be considered slightly later in September after airfares have dropped for international travel. Such a conference can be done under the auspices of ASME, as an ASME sponsored meeting technically, but not sponsored by ASME in financial responsibility. It might have risk and may require \$10K seed money to get started, independently of ASME sources. Ehrich suggested that TCVS consider the necessity of enrolling with an international country's society, e.g. JSME. Ehrich suggested for an international conference, TCVS can first "stick its toes in water" to see how things go. It might make sense to try Canada—get an international flavor, while remaining nearby. Nataraj said that Canada seems international to US, but not much different (than the US) to people in Europe or Asia. Parker and Caruntu liked idea of cooperation with a foreign society. Quinn and Rahn said that there are piggy-back options such as ENOC. TCVS needs to explore its options.

Jalili said TCVS and MSNDC did most of work for IDETC 2007, but other conferences get much of the payback and recognition. Jalili proposed having a collaborative conference with TCVS and MSNDC to make a Dynamics and Vibration conference. Feeny suggested that TCVS and MSNDC have common interest and overlapping session topics, and that it would be good for TCVS to communicate with MSNDC on this issue.

Wang suggested comparing these routes with IDETC, and with possible work with DSC, and compare the risk. Shaw saw no reason not to work with DSC in the long run. TCVS has more in common with DSC than DE. Flowers thought that going with DSC would result in a large conference,

and will not have the advantages of going to a relatively small conference, if desired.

Ehrich registered a complaint: the conference cost has ballooned out of proportion. Tzou replied that the portion coming back to TCVS is small compared to the ASME surcharge.

Hamidzadeh noted that this committee is under DE. We may need to investigate whether we need its "blessing" if we organize our own conference activity. For 2008, we may not have time to do this. Clark thought that there will be no real obstacles for DE because we have some autonomy for conference activity. But there still is a financial risk. If we go out on our own and lose money, our committee account eats it. If we can do it with our account, ASME will probably say OK. The questions were asked: Why do we want profits? What are we going to do with the money? TCVS is a non-profit organization. Tzou said that TCVS is making more and more money for ASME, but not for TCVS. Parker didn't see much risk, and didn't think TCVS would lose money. Epureanu suggested that TCVS can buy insurance for the risk.

The following motion was set: allow a subcommittee to go forth and study and propose options. A. Luo advertised for the Nonlinear Science and Complexity Conference (NSCC, July 2008). Rahn said that if we align with the Adaptive Structures in Washington DC (Sept/October 2008), we need to decide "now". Berger asked if we can do both. Rahn replied that we have supported A. Luo's conference (not financially) in past. Flowers asked, "Is there a motion of support for the NSCC?" A motion was set, and seconded. Committee voted in favor of supporting the NSCC (A. Luo's conference).

Rahn had suggested joining with the adaptive structures conference. TCVS can choose to put energy as a committee in Adaptive Structures, or continue with the conference formerly known IMECE 08. It was proposed that the TCVS participate in the next fall with Adaptive Structures instead of IMECE. A concern was whether Adaptive Structures would accommodate TCVS with enough session slots, or a conference name that represented TCVS appropriately. Rahn said he would talk to Adaptive Structures about TCVS participation, but if things don't work out with the naming, TCVS would not have to go forward with it. Jalili made the motion to go to Adaptive Structures 2008 pending reasonable agreement on revenues, naming, etc. The motion was seconded, and passed.

(b) Mechanics of Slender Structures Conference in 2008 (Zhu).

The Mechanics of Slender Structures Conference will take place in Maryland in 2008, with Zhu as the site organizer. Zhu asked for TCVS support such that the conference can use the ASME logo, but no ASME money, to promote collaboration between ASME and the European vibration committee. Motion to endorse this conference was set and seconded. The motion was supported.

(c) Den Hartog account (Flowers)

TCVS has \$43K in the Den Hartog award account, and needs to look into the formal the procedure for elevating it to a society level award. ASME has not recently been supportive of these conversions of committee awards to society awards. TCVS can file a proposal. Flowers suggested establishing a subcommittee for investigating how to handle this formally. It is important to include in the proposal that the TCVS will continue to have control over this award, i.e. TCVS will continue nominating and selecting the award, when the award is brought up the society level.

(d) Changes to the bylaws (Feeny)

It is necessary to periodically update the bylaws. Recent changes approved by the TCVS include: voted that membership and officer votes could not be done by proxy; and the committee shall include 24 regular members. Proposed changes in the bylaws reflect this. Some added statements were also proposed to clarify the definition of a regular member. At the time of this discussion, 14 members remained in attendance, which is not enough for the 2/3 majority vote needed to change the bylaws. This problem occurred last time there were proposed changes to the bylaws. Flowers suggested that Feeny follow up the meeting with an email ballot on the proposed changes to the bylaws.

Meeting adjourned at 7:30 p.m.

Minutes prepared by B. F. Feeny

Appendix  
Reports given at the meeting

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

March 18, 2007

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

Christopher D. Rahn, TCVS Vice-Chair/Treasurer

## Report of IMECE 2007

IMECE 2007 Track-9: Mechanical System and Control, mainly supported by TCVS

*Track Chair: Albert Luo*

*Track Co-Chair: Jeffrey Vipperman, Univ. of Pittsburgh*

*Track Co-Chair: Ali Erdemir*

*Track Co-Chair: Bin Yao, Purdue University*

*Track Co-Chair: Bala Balachandran, University of Maryland*

This track finally accepted 240 papers.

Abstract			Draft			Final		
Submitted	Rejected	Final	Submitted	Rejected	Final	Submitted	Complete	
302	32	270	263	19	243	240	158	

### TCVS supported symposiums

TCVS supported symposiums accepted 71 papers.

1. Symposium on General in Mechanical System and Control organized by C. Mei. This symposium finally accepted 9 papers.

Abstract			Draft			Final		
Submitted	Rejected	Final	Submitted	Rejected	Final	Submitted	Complete	
10	1	9	9	0	9	9	5	

2. Symposium on Analysis and Control of Vibrations and Wave Propagations organized by Jiong Tang and Hans DeSmidt. This symposium accepted 15 papers.

Abstract			Draft			Final		
Submitted	Rejected	Final	Submitted	Rejected	Final	Submitted	Complete	
15	0	15	15	0	15	15	7	

3. Symposium on Vibration and Control of Mechanical Systems by Albert Luo and Hamid Hamidzadeh. This symposium accepted 47 papers.

Abstract			Draft			Final		
Submitted	Rejected	Final	Submitted	Rejected	Final	Submitted	Complete	
67	14	53	52	5	47	46	29	

**Report of Dynamical Systems & Structures Committee**  
(Applied Mechanics Division)

1. New Chair for DSSC is M. Amabili

2. Symposium on Dynamics and Control of Structures and Copontrol by B. Balachandran, B. Epureanu, M. Amabili and B. Mann

Abstract			Draft			Final		
Submitted	Rejected	Final	Submitted	Rejected	Final	Submitted	Complete	
37	9	28	24	1	23	22	18	



## The 21st Biannual Conference on Mechanical Vibration and Noise (VIB)

<http://www.asmeconferences.org/IDETC07/CallForPapersDetail.cfm>

<http://www.asmeconferences.org/IDETC07/TechnicalProgramOverview.cfm#1>

The 21st Biannual Conference on Mechanical Vibration and Noise (VIB), which is also the 40<sup>th</sup> anniversary of the VIB conference, was successful held in Las Vegas on September 04-07, 2007. It covered topics from traditional areas to emerging technologies, e.g., active/passive vibration control, wave propagation and acoustics, nonlinear dynamics, optimization and reliability of mechanical systems, smart material systems, biomedical applications, rotor dynamics, engine and powertrain dynamics, dynamics of MEMS and NEMS. Detailed symposia, the organizers and the financial report are presented after the conference summary. The 2007 VIB conference consisted of

- 255 papers (selected from 269 draft papers and 281 abstracts),
- 22 symposia,
- 55 technical/poster sessions, and
- 2 keynote speakers: Dr. Daniel Inman delivered the Vibration Conference keynote and Dr. Fredric F. Ehrich delivered a keynote at the TCVS/VIB Awards Dinner.

### Symposia:

- ⊕ VIB-1 Active, Passive and Hybrid Vibration and Noise Control
- ⊕ VIB-2 Vibration and Control of Continuous Systems
- ⊕ VIB-3 Nonlinear Phenomena in Wave Propagation and Acoustics
- ⊕ VIB-4 Dynamics of Band-Gap Materials and Structures
- ⊕ VIB-5 Nonlinear Dynamics, Optimization and Reliability of Mechanical Systems
- ⊕ VIB-6 Experimental Nonlinear Dynamics
- ⊕ VIB-7 Nonlinear Dynamic Characterization and System Identification
- ⊕ VIB-8 Nonlinear System Identification and Reduced Order Modeling
- ⊕ VIB-9 Coupling Experimental-Based and Analytical Linear/Nonlinear Dynamic Models
- ⊕ VIB-10 Smart Material Systems
- ⊕ VIB-11 Model Identification and Intelligent Systems
- ⊕ VIB-12 Damage Detection, Model Updating and System Identification of Mechanical Systems

- ⊕VIB-13 Engineering Asset Management
- ⊕VIB-14 Applications of Vibration and Acoustics in Biomedical Engineering
- ⊕VIB-15 Linear and Nonlinear Bio-Dynamics
- ⊕VIB-16 Modeling, Vibration and Control of Rotor Systems
- ⊕VIB-17 Rotor Dynamics: Nonlinear Analysis, Control & Diagnostics
- ⊕VIB-18 Engine and Powertrain Dynamics
- ⊕VIB-19 Modeling, Analysis and Characterization of the Dynamics of MEMS and NEMS
- ⊕VIB-20 Vibration Damping Treatments
- ⊕VIB-21 Vibrations and Controls of Manufacturing Systems
- ⊕VIB-22 Micro/Nano Vibration-based Sensors and Energy Scavengers
- ⊕VIB-23 VIB General Poster Session
- ⊕VIB-24 VIB Plenary Session

**Symposium Organizers (in alphabetical order):**

Douglas E. Adams, Ahmed Al-Jumaily, Marco Amabili, Lawrence A. Bergman, Dumitru I. Caruntu, Giuseppe Catania, William W. Clark, Liming Dai, Mohammed Daqaq, Mohammad H. Elahinia, Bogdan I. Epureanu, Ebrahim Esmailzadeh, Mostafa Fatemi, Brian Feeny, George T. Flowers, Hamid R. Hamidzadeh, Suraj Harsha, Mahmoud I. Hussein, Yukio Ishida, Nader Jalili, Reza Nakhaie Jazar, Gaëtan Kerschen, Walter Lacarbonara, Albert C.J. Luo, Brian Mann, , C. Nataraj, Sotirios Natsiavas, Costas Papadimitriou, Robert G. Parker, Paolo Pennacchi, D. Dane Quinn, Christopher D. Rahn, Homer Rahnejat, Massimo Ruzzene, Marco P. Schoen, Andrei Shkel, Henry Sodano, C. Steve Suh, Jiong Tang, Stephanos Theodossiades, Alexander F. Vakakis, Steve J. Wilcox, Kon-Well Wang, Hiroshi Yabuno, Mohammad Younis, Huayong Zhang and Weidong Zhu.

All these symposium organizers were recognized for their dedication and service with ASME Service Awards presented at the TCVS/VIB Awards Dinner.

**2007 IDETC/CIE Financial Report (as of 03/03/2008)**

<b>Finance</b>	<b>Budgeted</b>	<b>Actual (03/03/08)</b>
<b>Total Revenue</b>	<b>\$572,350.00</b>	<b>\$592,540.00</b>
<b>Total Expense</b>	<b>\$489,292.26</b>	<b>\$390,433.38</b>
<b>Surplus</b>	<b>\$83,057.74</b>	<b>\$202,106.62</b>
<b>% Surplus</b>	<b>15%</b>	<b>34%</b>

Again, the conference and program chairs would like to sincerely thank the supports of TCVS, all symposium organizers, authors, reviewers, etc. contributing to the success of the 2007 conference.

**Conference Chair:** H.S. Tzou, University of Kentucky

**Program Chair:** Nader Jalili, Clemson University

<http://www.asmeconferences.org/IDETC07/ChairsMessage.cfm>

## IDETC 2009 Status Report August 21, 2007

### 1. Organization Committee Finalized

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 36849-5341 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, Venue, Dates and Hotel have been chosen and contract signed

- Conference City: San Diego, CA.
- Conference Dates: August 30-September 2, 2009
- Conference Venue: San Diego Convention Center ([www.sdccc.org](http://www.sdccc.org))
  - We have a total of 36 meeting rooms each day from Monday, August 31, 2009 through Wednesday, September 2, 2009
  - Additionally we have 8 meetings rooms for tutorials on Sunday, August 30, 2009
  - \*Note, all of the rooms hold at least 120 people (theater style)
  - 1 authors breakfast each day (at convention center)
  - 6 lunches (the average size of a lunch is 300 ppl, so some of the rooms will need to be combined)
  - Coffee Breaks
  - Exhibits
  - Committee Meetings
  - Speaker Ready Room
  - Food & Beverage Minimum: \$100K (at the convention center)
- Conference Hotel: Omni Hotel – San Diego  
(<http://www.omnihotels.com/FindAHotel/SanDiego.aspx>)
  - Conference room rate: \$189 (single/double) \
  - Room Nights Blocked: 1300 room nights
  - Required Pickup: 80% (1040 room nights)

### 3. Conference Reception

The reception venue is not yet set. The principal possibilities being considered are:

- i) On board the USS Midway Aircraft Carrier (<1 mile away) (but cannot be the evening of Tuesday September 1, 2009) (thus Monday or Wednesday are still options for the Midway).
- ii) Reception at Petco Park (where the Padres play). This Professional Baseball stadium is next to the conference hotel and is easily accessible by pedestrian “skywalk” directly connecting the hotel to the sports facility. We will not be able to confirm this possibility until the 2009 baseball schedule is set and we would only be able to have the reception there if the Padres are NOT in town.
- iii) Reception at the San Diego convention Center

Other options which have not yet been explored is something on Coronado peninsula across the San Diego Bay from the Conference center.

We will further discuss/review our options after the IDETC2007 event is completed.

#### **4. Conference Webpage**

*IDETC 2009* website has been produced (<http://www.rpi.edu/~anderk5/IDETC2009/>) and will continue to be extended as more information becomes available. Currently this website provides a IDETC2009 overview, listing of contributing conferences and associated conference specific *Calls For Paper/Announcements*, a general *IDETC2009 Call For Papers*, venue and hotel information, as well as local attraction information.

#### **5. Conference Announcement and Call For Papers**

An initial conference announcement/call for papers has been produced and will be in the materials provided to IDETC2007 attendees in Las Vegas. This call for papers/announcement is downloadable from the above described conference website, and will be e-mailed all to IDETC 2007 and IDETC 2008 attendees as those lists come available.

Report Prepared by  
Kurt S. Anderson and George Flowers



# IDETC / CIE 2009

## 2009 International Design Engineering Technical Conferences and Computers and Information in Engineering Conference

San Diego, California  
August 30 – September 2, 2009

**Co-Chairs: George Flowers ([flowegt@auburn.edu](mailto:flowegt@auburn.edu)) & Kurt Anderson ([anderk5@rpi.edu](mailto:anderk5@rpi.edu))**

### Affiliated Conferences, Conference Chairs and/or Program Chairs

1. **22<sup>nd</sup> Biennial Conference on Mechanical Vibration and Noise (VIB)** (TC of Vibration and Sound) – Conference Chair: George Flowers ([flowegt@auburn.edu](mailto:flowegt@auburn.edu)); Program Chair: Dane Quinn ([quinn@uakron.edu](mailto:quinn@uakron.edu))
2. **29<sup>th</sup> Computers and Information in Engineering Conference (CIE)** (Computers in Engineering Division) – Conference Chair: Fred Procter ([frederick.proctor@nist.gov](mailto:frederick.proctor@nist.gov)); Program Chair: Shuichi Fukuda ([shufukuda@cdr.stanford.edu](mailto:shufukuda@cdr.stanford.edu))
3. **2009 ASME/IEEE International Conference on Mechatronic and Embedded Systems and Applications (MESA07)**
4. **7<sup>th</sup> International Conference on Multibody Systems, Nonlinear Dynamics, and Control (MSNDC)** (Multibody Systems and Nonlinear Dynamics Committee) – Conference Chair: Kurt Anderson ([anderk5@rpi.edu](mailto:anderk5@rpi.edu)); Program Chair: Olivier Bauchau ([Olivier.Bauchau@ac.gatech.edu](mailto:Olivier.Bauchau@ac.gatech.edu))
5. **35<sup>th</sup> Design Automation Conference (DAC)** (Design Automation Committee) – Conference Chair: Kazuhiro Saitou ([kazu@umich.edu](mailto:kazu@umich.edu)); Program Chair: Zissimos Mourelatos ([zmourelat@oakland.edu](mailto:zmourelat@oakland.edu))
6. **ASME Power Transmission and Gearing Conference (PTG)** (Power Transmission and Gearing Committee)
7. **20<sup>th</sup> Reliability, Stress Analysis, and Failure Prevention Conference (RSAFP)** (Reliability, Stress Analysis, and Failure Prevention Committee) – Conference Chair: Erol Sancaktar ([erol@uakron.edu](mailto:erol@uakron.edu))
8. **33<sup>rd</sup> Mechanisms and Robotics Conference (MECH)** (Mechanisms and Robotics Committee) – Conference Chair: Pierre Larochelle ([pierrel@fit.edu](mailto:pierrel@fit.edu)); Program Chair: Andrew Murray ([murray@udavton.edu](mailto:murray@udavton.edu))
9. **3<sup>rd</sup> International Conference on Micro- and Nanosystems (MNS)** (Micro and Nano Systems Committee)
10. **6<sup>th</sup> Symposium on International Design and Design Education (DEC)** (Design Education Committee)
11. **21<sup>st</sup> International Conference on Design Theory and Methodology (DTM)** (Design Theory and Methodology Committee) – Conference Chair: Robert Paasch ([paasch@engr.orst.edu](mailto:paasch@engr.orst.edu))
12. **14<sup>th</sup> Design for Manufacturing and the Life Cycle Conference (DFMLC)** (Design for Manufacturing Committee)
13. **10<sup>th</sup> International Conference on Advanced Vehicle and Tire Technologies (AVTT)** – Conference Chair: Corina Sandu ([csandu@vt.edu](mailto:csandu@vt.edu)); Program Chair: Mohammad Elahinia ([mohammad.elahinia@utoledo.edu](mailto:mohammad.elahinia@utoledo.edu))