

**Report Submitted for the ASME Design Engineering Division
Executive Committee Meeting**

**Tuesday, March 11, 2008, 1:00 pm – 3:00 pm
Phone Conference**

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ASME Design Engineering Division
 Executive Committee Meeting
 Agenda
 Tuesday, March 11, 2008, 1:00 pm – 3:00 pm
 Phone Conference

1. Call to Order	J. Vance	1:00 pm
2. Approval of Minutes for March 07 Meeting	W. Clark	1:02 pm
3. Chair's Report	J. Vance	1:05 pm
4. Vice Chair/Treasurer's Report	K. Kazerounian	1:15 pm
5. Past Chair's Report	S. Azarm	1:35 pm
6. Liaison Reports		
(a) Systems and Design Group	K. Waldron	1:45 pm
(b) Headquarters Report	R. Ulvila	1:55 pm
7. Executive Committee Reports		
(a) Technical Conferences	H. Hamidzadeh	2:05 pm
• 2007 IDETC/CIE: H. S. Tzou and N. Jalili		
• 2008 IDETC/CIE: J. Rastegar and S. Manoochehri		
• 2009 IDETC/CIE: K. Anderson and G. Flowers		
• 2010 IDETC/CIE: P. Larochele and A. Murray		
• 2011 IDETC/CIE: TBD		
(b) Technical Committee Operations and IMECE	A. Shabana	2:25 pm
8. National Manufacturing Week	Z. Mourelatos	2:35 pm
9. Journal Relations Committee	W. Clark	2:40 pm
10. Old Business		2:45 pm
11. New Business		2:55pm
12. Adjourn		3:00 pm

ASME Design Engineering Division Executive Committee Meeting
Minutes of the meeting on
Tuesday, September 4, 2007, 2:30-5:00
Rio All-Suite Hotel & Casino, Lambda C Room
Las Vegas, Nevada

Present: K. Anderson, S. Azarm, W. Clark, J. Davidson, E. Dolan, G. Fadel, G. Flowers, J. Ge, L. Howell, K. Kazerounian, P. Klasky, N. Jalili, P. Larochele, S. Manoochehri, M. McCarthy, G. Mocko, Z. Mourelatos, J. Rastegar, A. Shabana, S. Sinha, J. Summers, H.S. Tzou, R. Ulvila, J. Vance, K. Waldron

1. **Call to order.** The meeting was called to order by J. Vance at 2:30 pm.
2. **Approval of minutes.** The minutes of the Executive Committee Meeting held by teleconference on Friday, March 9 at 2 pm EST were unanimously approved after notation of an error in a name that will be corrected.
3. **Chair's report.** J. Vance presented the Executive Committee Chair's report (oral and written). A summary of the oral report is as follows:
 - *Personnel Changes:* The newest Executive Committee member, W. Clark was recognized, along with R. Ulvila as the new ASME staff support for the Systems and Design Group (including DED) and the Environment and Transportation Group. Other changes include H. Lipkin as new USToMM representative and F. Tahmasebi's appointment as the Government Relations Committee Chair. All other standing and special committee chairs were reappointed. Two committee chair terms will end in June 2008, including Constitution & Bylaws and Honors & Awards. In addition a Student Affairs committee chair will likely be needed as P. Larochele will focus more attention on IDETC 2010.
 - *Action Items from March:*
 - Accounting items were addressed (excess revenue for IDETC 2006) and transfers/matching to award accounts.
 - Discussions to initiate IDETC web sites prior to the current one-year point have occurred, and this will begin to be done.
 - A new newsletter editor is in place. J. Michalek, and the newsletter has recently been published.
 - *New Initiative:* J. Vance raised the possibility of forming a new standing committee on Broadening Participation that would focus on activities that broaden the participation of minorities and underrepresented members in the division.
4. **Vice Chair/Treasurer's Report.** K. Kazerounian presented the Vice Chair/Treasurer's Report (oral and written). The division finances are in good shape, although it is a struggle to get up-to-date reports from ASME. This issue is under discussion at ASME. Other points raised in the oral report:
 - A total of \$36K from the DED custodial fund was matched by technical committees and moved to award accounts.
 - The Outstanding Educator Award account funds will be moved to the Da Vinci Award account, and then the account will be closed.
 - There are some discrepancies in account transactions that still need to be resolved (detailed in written report), but these are difficult or impossible to do with the current ASME accounting and information system.
 - **Motion: L. Howell moved (seconded by K. Kazerounian) that we follow up the award matching program from the Spring by moving \$10K (the equivalent maximum allowed by the committee match program) to the Da Vinci award account. The motion passed unanimously.**

Action Item: Transfer \$10K from DED custodial fund to the Da Vinci Award account. (K. Kazerounian).

Action Item: Prepare a proposal for consideration in the spring meeting regarding continuation of the matching fund program for TC awards. The report should address the issue of whether the match amounts should be prorated according to committee participation in the IDETC. (K. Kazerounian)

5. **Immediate Past Chair's Report.** S. Azarm presented the Immediate Past Chair's Report (oral and written). Some suggestions have been made regarding the division's bylaws, and are detailed in the written report. The issue of technical committee officer term limits (as specified in the DED Bylaws) was raised. It was pointed out that two committees, Vehicle Design Committee and Reliability, Stress Analysis, and Failure Prevention Committee, do not abide by the limits. A suggestion was made that the DED Chair or the TC Executive raise this issue with each committee.

Action Item: Write a formal letter from the DED Executive Committee to the Vehicle Design Committee and to the Reliability, Stress Analysis, and Failure Committee stating that they are violating the term limits set in the DED Bylaws, and that a plan for succession of officers must be prepared. (J. Vance)

- 6a. **Liaison's Report – Systems and Design Group.** K. Waldron presented the Systems and Design Group Report (oral). There has been a recent emphasis within ASME to reduce the size of the IMECE meeting, but the consensus is that it has now been reduced far enough after recent changes. The division bylaws need to be updated. These were updated two years ago, but received no feedback or approval from ASME. This is now done at the Group level, but no higher within ASME. The DED should review the Bylaws and then resubmit to the Systems and Design Group for approval. Elections are coming up for the operating board – the DED should consider nominations. The operating board meets twice yearly, once at the IMECE and again at the LTC. There was a long discussion about changes and concerns within ASME. A major concern is the accounting system and the ability for divisions or technical committees to get access to current information. K. Waldron said that ASME is working on a system that will allow direct access to accounting information. A message will be conveyed to ASME by P. Klasky and K. Waldron about the need for both immediate and long term solutions to the accounting problems. A new strategic plan will be done soon. The division will need to provide input. A possible item suggested by K. Waldron is to propose raising the Da Vinci award to the society level, with the required funding coming equally from the division and the society. A question was raised by S. Sinha about the possible benefit to the committee becoming part of an institute as opposed to part of Knowledge and Communities.

??Action Item: Resubmit Constitution and By Laws for approval. (Vance)

Action Item: J. Vance appointed S. Sinha to chair a committee to study the issue of the Design Division becoming part of an institute, possibly with the Dynamic Systems and Control Division. W. Clark will serve on the committee, along with someone to be named from DSC. (S. Sinha and W. Clark)

- 6b. **Liaison's Report – Headquarters.** R. Ulvila presented the Headquarters Report (oral and written). ASME is working on improving support for the Divisions and Sections. More discussion followed about the accounting system, staff support at ASME, and recent changes and priorities at ASME. Changes are being made to address known concerns, but they take time.

7a. **Executive Committee Reports: a) Technical Conferences**

- *2007 IDETC/CIE:* H. S. and Tzou and N. Jalili submitted written and oral reports on the status of the ongoing conference. The conference is very successful, with 13 conferences hosting a total of 1223 technical papers. While the conference has been running smoothly, the biggest problems have arisen from the inadequate number of rooms that were allocated based on projections from even year IDETC's instead of odd years. This must be avoided in the future. Some discussion was held about the planning of future IDETC's, and it was pointed out that if the conference continues to grow, convention centers will need to be used, which will result in additional costs (up to \$100K for space rental).
- *2008 IDETC/CIE:* An oral report was presented by J. Rastegar (and written report was provided by J. Rastegar and S. Manoochehri). Preparation for this conference is well underway, with a hotel having been secured in New York at a very reasonable cost (for that city). Some concern was raised about the rising conference costs (both hotel rates and conference fees) for students and faculty. A suggestion that less expensive cities may need to be considered. The call for papers for this conference is now on the web site.

- *2009 IDETC/CIE:* Written and oral reports were submitted by K. Anderson and G. Flowers. The planning and preparation for this conference is going very well. The San Diego Convention Center has been offered free of charge, and an adjacent hotel, the Omni Hotel, has been secured for a room rate of \$189/night. Venues for the reception are being considered. Local university support is being pursued.
- *2010 IDETC/CIE:* P. Larochelle presented an oral report (written report was also submitted by P. Larochelle and A. Murray). The preferred site is Montreal, however there is still some concern over the accessibility of that location to foreign national students in the U.S. The Executive committee must provide feedback on this issue by the March meeting to approve of this as a viable site. Other choices are Albuquerque, St. Louis, and Indianapolis.
- *2010 IDETC/CIE:* There has been some expressed interest in organizing this meeting, but no proposals have been received. Some discussion was held on the issue of holding an international conference (outside of North America).

7b. Executive Committee Reports – Technical Committee Operations and IMECE

- A. Shabana presented the report (written and oral). The main items presented in the meeting include: the new chairs are listed in the report; all committees submitted written reports; new committee awards have been proposed and approved, including the PTG committee's The Darle Dudley Award, the Mechanisms and Robotics Best Paper Award, and the Micro and Nano Systems Committee Award; the Vehicle Dynamics committee is holding its first conference at the 2007 IDETC, and the Mechanism & Robotics Committee has proposed the establishment of a new journal.
 - B. The 2007 IMECE will be held in Seattle. Approximately 1500 people are expected. Papers will be divided into 17 tracks containing 460 sessions. Revenues will be distributed 40% to ASME and 60% to divisions. Registration fees are being waived for two keynote speakers in each track. A revised plan for restructuring the congress was approved by the Technical Communities Operating Board earlier this year (included in the written report).
8. **Journal Relations.** W. Clark presented an oral and written report. The focus of the committee is on improving and maintaining the effectiveness of the journals sponsored by the Division, with emphasis on improving impact factors. It was noted that the JMD has experienced significant improvement in its impact factor, and the steps taken by this journal should be followed by the other journals as well, if they are not already being taken.

An extensive discussion took place over the issue of creating a new journal. The proposal has been initiated by M. McCarthy (editor of JMD) and the Mechanisms and Robotics committee. At issue is the heavy submission rate to the journal that needs to be reduced to a manageable level for the editor, and the desire to open up a new publication venue for different research areas. The difficulty with the proposal is balancing the desire to create a journal (title and scope) that serves the research communities of the M&R, PTG, and MNS committees without requiring a long and cumbersome title and an unwieldy scope. It is apparent that there are many sensitive issues that must be considered to satisfy all concerns. The discussion settled on the following key points: The current journal serves all three areas now, however limited, and that the new journal will create more publication opportunities, not less. No matter what words are added to the new title, it will be difficult to create a journal that serves as a publication home to all of the MNS community. The best approach, then, may be to keep the original focus and to propose the new journal as the Journal of Mechanisms and Robotics. A revised proposal is to be drafted and submitted by the division to the Publications Committee.

Action Item: Rewrite the proposal for a new journal as the Journal of Mechanisms and Robotics, and after approval by the division submit to the ASME Publications Committee. (M. McCarthy and J. Vance). Note: given the discussion that took place in the General Committee Meeting and in the Mechanisms and Robotics Committee meeting, this action item may be revised.

9. **Old business.** No old business was discussed.

10. **New Business.** Due to the late time, the new business was postponed for email discussion and vote, including:
 - a. Registration Waiver policy for IDETC Conferences
 - b. Award matching program continuation
 - c. ASME/VT Memorial Scholarship Fund

11. The meeting was adjourned at 5:25 PM.

Respectfully submitted,

William W. Clark
Secretary of the Division

Addendum to Minutes of September 4, 2007 Executive Committee Meeting

Actions Taken By the Committee Since that Meeting:

1. Approval of new associate editors to the Journal of Medical Devices. The following names were submitted by the co-editors for approval:
Danny Bluestein, Cheng Dong and Jaydev Desai.

These names were distributed to the committee by Judy Vance by email, and approved unanimously, as of September 17, 2007.

2. Weidong Zhu of TCVS requested support by ASME of the Mechanics of Slender Structures (MoSS) Conference from July 23-25, 2008 at the University of Maryland, Baltimore County. A CA-2 form was submitted, and then Judy Vance solicited votes from the Executive Committee for approval of support for ASME sponsorship of this meeting. **The vote passed, as of September 17, 2007.**
3. Approval of request from Arthur Erdmann for ASME DED sponsorship the Design of Medical Devices Conference was made on **September 25, 2007**. The division has sponsored this conference in the past.
4. Regretfully, we accepted the resignation of Larry Howell from the Executive Committee so that he can focus more time on personal issues. The committee is very appreciative of Larry's outstanding service.
5. By email on **October 11-12, 2007**, we approved Shaw, Ruzzene, Epureanu, and Palazzolo as new Associate Editors and Golival as a re-appointment to the Journal of vibration and Sound.
6. Phone Conference on October 9 at 12:00:

Attending

Judy Vance, Shapour Azarm, Ahmed Shabana, Rich Ulvila, Kazem Kazerounian, William Clark

Agenda

1. Discuss proposal for new journal

In general, the Executive Committee is supportive of the proposal from Mike McCarthy for the creation of a new journal: the Journal of Mechanisms and Robotics (JMR). Azarm raised several issues:

- The mission statement's use of the phrase "design of mechanical systems" has the potential for confusing authors with respect to the differences between JMD and JMR.
- It would be a stronger proposal if support letters from Micro and Nano Systems TC and Power Transmission and Gearing TC could be included in the proposal.

- The draft table of contents in the proposal which contains backlogged papers from JMD could imply that these papers would be re-directed to start JMR. It is unclear if this is the intent, and if it is, how this would be handled.

- The discussion on the difference between the Mechanisms and Machine Theory journal and JMR mentions that JMR will emphasize design. This makes it unclear what journal would be appropriate (JMD or JMR) for the publication of papers dealing with the design of mechanisms.

Azarm provided the attached suggested revisions to the proposal.

Shabana suggested changing the "design" word to "synthesis" to be clearer as appropriate in the document. He also said that although there is not a support letter from MNS, he knows that the chair is supportive. Other concerns were that the proposal is to start the journal initially as bi-monthly @ 600 pages. This may be a little too aggressive to start and the suggestion was made to start the journal as quarterly.

Action item: Vance will follow up with an email asking for a vote of approval for the proposal since during the discussion there was not a quorum of Executive Committee members.

Follow-up since the phone conference: The proposal was revised by McCarthy, addressing concerns of the DED Executive Committee, and then put up for vote by email on October 15. **The vote was approved by the Committee.**

2. Replacement of Larry Howell on the Exec Committee

Vance suggested that Clark move into the IDETC position and we revisit the previous nominees to select someone to fill in the Secretary position.

Azarm suggested we get the nominating committee energized to select two nominees: one for the IDETC position and one for the Secretary 08-09 position. In the interim, Kazerounian would step in as acting IDETC executive.

This approach seemed more workable and will be implemented. It was suggested that the nominees for the IDETC position be people familiar with the IDETC so he/she could step in immediately. The Secretary 08-09 position would start at the regular time of July 1, 2008.

Action item: Vance will appoint the nomination committee and ask them to nominate people for these two positions.

Follow-up since the phone conference: Election was held for new DED Executive (starting at Secretary) and for new IDETC Executive to replace Larry Howell. Four nominations were received. Voting began by email on December 14 and was completed on December 19. **Hamid Hamidzadeh was elected as the new IDETC Executive, and Vijay Kumar was elected as the new DED Executive.** Hamid will begin his duties immediately, and Vijay will join the committee in June 2008.

3. Proposal for waiving fees for speakers at the IDETC

There was considerable discussion over Larry Howell's proposal. The issues broke into two categories: what should be the process for picking keynote speakers and what should be the mechanism for waiving fees for keynote speakers. The

recommendation is that the DED IDETC executive communicate with the IDETC general chair that his/her policy for fee waiver for keynote speakers needs to be communicated early with the TC IDETC chairs so there is no misunderstanding about who pays for what.

These procedures should be incorporated into the documentation related to IDETC that is currently on the ASME DED website. Larry has captured this procedure well. *Action item: Vance will get these guidelines incorporated into the DED website and communicated with ASME staff.*

4. Possible contribution to an ASME fund for Virginia Tech To be discussed later - Vance to follow up.
7. October 15. David Lee confirmed that Alan Parkinson and Bahram Ravani are continuing DED members on the JCISE Advisory Board. (This is a follow up from open issue raised at Sept DED Exec meeting)
8. October 17 email from J. Vance: Mike McCarthy put forth three candidates for Associate Editors for the new Journal of Mechanisms and Robotics, including Andrew P. Murray (Univ of Dayton), G.K. Ananthasuresh (Indian Institute of Science), and Dennis H. Hong (Virginia Tech). **These applications were reviewed by the Exec Comm, and two were approved** (Hong was not approved because of concerns over his untenured status and the difficult position that would place him and the journal in making recommendations about acceptance and rejection of papers).
9. **In January Matt Parkinson of Penn State was appointed as the new chair of the Student Affairs Committee, replacing Pierre Larochelle.** Pierre was thanked for his excellent service to the community as the chair of this committee. As a result of Pierre's leadership, the division has a dynamic and informative student-focused website that provides information about the Division to students. Pierre also coordinated both undergraduate and graduate student activities for the division.
10. **In January, Judy Vance appointed Georges Fadel to replace Joe Davidson as chair of the Honors and Awards Committee,** whose term will expire on July 1, 2008.

Submitted by William W. Clark, Secretary of the Executive Committee

DED Chair's Report

March 6, 2008

Personnel Changes

Larry Howell regretfully had to resign from the DED Executive Committee due to personal reasons. Hamid Hamidzadeh was elected as IDETC Executive, with his term beginning in December 2007. Hamid is Professor and Head of Mechanical and Manufacturing Engineering at Tennessee State University. Vijay Kumar was elected as the IDETC Secretary and he will begin his term on July 1, 2008. Vijay is UPS Foundation Professor with appointments in the departments of Mechanical Engineering and Applied Mechanics and Computer and Information Science at the University of Pennsylvania. Thank you to the Nominating Committee (Shapour Azarm (chair), Krish Gupta, George Flowers, and Ahmet Kahraman) for compiling the slate of nominees and thank you to the Election Teller, Krish Gupta, for carrying out the voting.

Joe Davidson's term as the Honors and Awards Committee Chair expires June 31, 2008. I want to thank Joe for his excellent service, both as the H&A Committee Chair and also as a member on the Machine Design and Spira Design Educator committees. Georges Fadel, Exxon Mobil Employees chair in Engineering and Professor of Mechanical Engineering at Clemson University, has been appointed as the new H&A Committee Chair. His appointment is for an initial 3 years. In this capacity, he will also serve on the Ruth & Joel Spira Outstanding Design Educator Award Subcommittee. Qiaode Jeffrey Ge has agreed to be reappointed to the Honors and Awards Committee and the Machine Design Award Committee for another two years.

Matt Parkinson, Assistant Professor of Engineering Design and Mechanical Engineering at Penn State University, has been appointed as the new chair of the Student Affairs and Early Career Committee. I want to thank Pierre Larochelle for his excellent leadership of this committee. I've asked Matt to expand the committee to include activities for Early Career ASME members.

Ahmed Shabana has been appointed as Conference Activity Chair for DED. He will be serving on the S&DG Committee on Conferences representing the DED. I propose that the DED Annual Meeting (formerly IMECE) Executive fill this position in future years.

Brian Gilmore, Deere & Co., has been elected chair of the Vehicle Design Committee. I want to thank Moustafa El-Gindy for his excellent leadership of this committee.

Subhash Sinha has been appointed as a member-at-large to the Operating Board of the Systems and Design Group, beginning July 1, 2008. One of the efforts he will be participating in will be long range planning for the S&DG.

Erol Sancaktar, chair of the Reliability, Stress Analysis, and Failure Committee, was informed that he needed to find a new chair for the committee. Email correspondence between Vance, Shabana and Sancaktar continues. He has identified a potential candidate, but he has not conducted an election. Ahmed Shabana is following up.

Finances

The finances of the division are in good shape. The Custodial account balance is around \$360,000 and we are continuing to determine the best use for the funds. Kazem will be presenting a revenue sharing plan with the technical committees in his treasurer's report. In addition, there are still several issues that remain unsolved with the finances. Kazem will be following up.

The Division has been asked to contribute to the ASME/Virginia Tech Memorial Scholarship fund. This fund is currently endowed, with a balance of \$57,362. Nine ASME divisions, ASME leaders, and ASME staff have contributed to the fund. I am proposing we contribute \$10,000 from the Custodial account to the fund.

This year, the ASME Publications Committee approved a journal revenue sharing plan. It includes a 15% net revenue share distribution to the divisions from each journal. The revenues reported from each journal, and the proposed net revenue share are as follows:

FY2006

Journals Revenue Recognition Model_April 2007

Journals Description	Net Surplus/ Deficit	% of Total Net	\$\$ reward based on 15% of Net Surplus	Technical Group	Technical Division
			235,886		
Applied Mechanics	246,558	15.4%	36,425	BEG	AMD
Energy Resources	65,615	4.1%	9,694	ECG	
Fluids	160,033	10.0%	23,642	BEG	FED
Materials & Tech	126,628	7.9%	18,707	BEG	MAT
Heat Transfer	222,232	13.9%	32,831	BEG	HTD
Mfg Science & Eng	75,732	4.7%	11,188	MFG	
Tribology	53,329	3.3%	7,878	BEG	TRIB
Mechanical Design	91,588	5.7%	13,531	SDG	DED
Gas Turbines & Power	64,620	4.0%	9,547	ECG (with IGTI?)	
Fuel Cell	1,158	0.1%	0	ECG (with BEG?)	with HTD?
Pressure Vessel Tech	64,320	4.0%	9,502	PTG	
Dynamic Systems	120,624	7.6%	17,820	SDG	DSC
Biomechanical	62,238	3.9%	9,195	BEG	BED
Solar Energy	34,057	2.1%	5,031	ECG	
Comp Info Science in Eng	7,998	0.5%	1,182	SDG (with MFG?)	CISE/DED
Electronic Packaging	32,220	2.0%	4,760	SDG	EPP
Offshore Mech & Arctic	21,253	1.3%	3,140	??	
Mems w/IEEE	2,786	0.2%	412	SDG	
Turbomachinery	32,489	2.0%	4,800	IGTI (with BEG)??	with HTD?
Vibrations, Acoustics	111,225	7.0%	16,432	SDG (with NCAD?)	DED
Mechatronics w/IEEE	-3,080		0	SDG	MEMS
Comptl & Nonlinear	-21,050		0	SDG	DED
JRNLS, SubTotal	1,572,571		235,715		
AMR	147,245	0.0%	0	??	
Total	1,719,816	100.0%	235,715		

The *Journal of Computing and Information Science in Engineering* is jointly sponsored between CIE and DED. The agreement is to split the revenue 50/50 between CIE and DED for the coming year. There is the potential to renegotiate this split in the future.

The Associate Editor of the *Journal of Vibration and Acoustics* works with both the Noise Control and Acoustics Division and DED. The agreement is to split the revenues in proportion to the number of associate editors from each division. Currently there are 17 associate editors from DED and 3 associate editors from NCA.

Journals

Panos Papalambros, Donald G. Graham Professor of Engineering at University of Michigan, was appointed as the Technical Editor for the *Journal of Mechanical Design* beginning January 1, 2008. I wish to thank J. Michael McCarthy for his excellent leadership of the JMD.

The DED sponsored a new journal which began in January 2008: the *Journal of Mechanisms and Robotics*. J. Michael McCarthy, Professor of Mechanical and Aerospace Engineering at the University of California, Irvine, is the Technical Editor.

Co-sponsored Conferences

In addition to our activities at the IDETC, the DED has agreed to co-sponsor the following conferences at no cost to the Division:

Mechatronic and Embedded Systems and Applications (MESA08)

Requested by Harry Cheng

October 12-15, 2008

Beijing, China

<http://www.asmemesa.org/ezconf/index.php>

2008 Symposium on Mechanics of Slender Structures (MoSS 2008)

Requested by Weidong Zhu

July 23-25, 2008

University of Maryland, Baltimore County

<http://www.eng.nene.ac.uk/~conf2006/Symposium.htm>

2008 Design of Medical Devices Conference (DMD)

Requested by Arthur Erdman

April 15-17, 2008

Minneapolis, MN

<http://www.dmdconf.org/>

We were also contacted to suggest speakers for this conference:

1st Workshop on Design Based on Computers

Requested by Carlos Lasarte

June 12-13, 2008

Venezuela

Honors and Awards

The proposal to establish the Ralph Barnett-Carl Uzgiris Product Design Safety Award as an ASME Society Award was forwarded to Cathy Mervyn at ASME. This award is being put forward by the Design Education Committee. ASME Committee on Honors will consider this award in their April meeting.

Action items from Sept meeting

Following are the action items from the Sept DED Exec meeting.

Transfer \$10K from DED custodial fund to the Da Vinci Award account. (K. Kazerounian) - **completed**

Prepare a proposal for consideration in the spring meeting regarding continuation of the matching fund program for TC awards. The report should address the issue of whether the match amounts should be prorated according to committee participation in the IDETC. (K. Kazerounian) - **completed**

Write a formal letter from the DED Executive Committee to the Vehicle Design Committee and to the Reliability, Stress Analysis, and Failure Committee stating that they are violating the term limits set in the DED Bylaws, and that a plan for succession of officers must be prepared. (J. Vance) - **completed**

Resubmit Constitution and By Laws for approval. (Vance) – **not complete.**

J. Vance appointed S. Sinha to chair a committee to study the issue of the Design Division becoming part of an institute, possibly with the Dynamic Systems and Control Division. W. Clark will serve on the committee, along with someone to be named from DSC. (S. Sinha and W. Clark) – **need a report.**

Other unfinished business from Sept 2007 meeting:

Due to the late time, the new business was postponed for email discussion and vote, including:

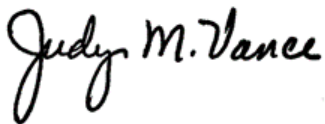
- a. Registration Waiver policy for IDETC Conferences – it was agreed that this policy should be established by the IDETC Conference chairs as part of their budget plan. The IDETC DED Exec should inform the chairs that they need to communicate with the technical divisions early in the planning of the conference concerning the number of keynote speakers and the funding arrangements for the speakers to avoid any misunderstanding between the technical committees, the IDETC Conference team and the DED.
- b. Award matching program continuation – **Kazem will present a proposal at this meeting.**
- c. ASME/VT Memorial Scholarship Fund – **Vance will present a proposal at this meeting.**

Old Business

I have not made any progress on starting a new standing committee on Broadening Participation as I indicated was my intention at the last DED Exec Committee meeting.

The next meeting of the DED Executive Committee will be held at the 2008 IDETC in New York City, August 3-6, 2008.

Respectfully submitted,



Judy M. Vance
Chair, ASME Design Engineering Division 2007-2008

**Treasurer's report
March 5th, 2008**

Kazem Kazerounian Vice Chair and Treasurer

DED Accounts:

Account #	Account name	Balance Dec 31, 2006	Balance Sept30 th , 2007	Award Matched in 2007	Projected income 2007 conference
4-0414-XXXX	All Accounts	688,437.52	770,886.64		
4-0414-0000	DED Custodial	339,886.05	359,235.24	-36K -10K (DaVinci AWD)	~\$160K from IDETC 2007 (~80K to be pushed down)

Award Accounts:

4-0414-5001	DAC COMM AWD	36,744.34	50,453.33	+10K	
4-0414-5002	ABBOT AWD	31,686.68	34,385.49		
4-0414-5003	DAVINCI AWD	724.63	11,190.87		
4-0414-5004	DEN. HART. AWD	33,530.44	46,075.20	+10K	
4-0414-5005	OUTSTD EDUC AW	335.12	6.68		CLOSED
4-0414-5006	MECH&ROB AWD	14,778.95	14,223.72		
4-0414-5007	MYKLESTAD AWD	12,900.25	23,690.13	+10K	
4-0414-5008	DTM COMM AWD	1,221.81	780.30		
4-0414-5009	N. YANG AWD	56,409.02	60,227.84		
4-0414-5053	D'ALEMBERT AWD	17,243.76	28,416.09	+10K	
4-0414-5054	LYAPUNOV AWD	17,243.75	28,416.09	+10K	
4-04145010 *	PTG award	NEW	8,187.04	+10K	
4-04145011 *	M&R best pap AWD	NEW	10,000.00	+10K	
4-04145012 *	MNS Award	NEW	2,000.00	+2K	

* Established in August 2007

Committee Accounts:

4-0414-5032	DAC	12,189.29	6,982.93	-5K	
4-0414-5034	M&R	7,907.32	7,201.27	-5K	
4-0414-5035	DFM	15,902.37	17,164.86		
4-0414-5036	DTM	16,863.48	18,211.75		
4-0414-5037	RSAFP	3,949.07	4,251.87		
4-0414-5038	D-EDUC	5,720.83	4,097.86		
4-0414-5041	Vibration & Sound	22,336.00	12,339.74	-10K	
4-0414-5042	PTG	11,450	6,285.96	-5K	
4-0414-5048	VDGN	1,820.98	1,950.30		
4-0414-5049	F&J	1,866.01	2,014.71		
4-0414-5050	MSND	23,537.34	13,054.29	-10K	
4-0414-5060	MNS	2,195.16	43.08	-1K	

Other Report items:

1- The following transactions have been confirmed:

5K from DED Custodial + 5K from M&R for M&R Best Paper Award (new)
 5K from DED Custodial + 5K from PTG for PTG committee Award (new)
 1K from DED Custodial + 1K from MSN for MSN Committee Award (new)
 5K from DED Custodial + 5K from DAC for DAC Comm. Award
 5K from DED Custodial + 5K from TCVC for Den Hard Award
 5K from DED Custodial + 5K from TCVC for MYKLESTAD Award
 5K from DED Custodial + 5K from MSND for D'ALEMBERT Award
 5K from DED Custodial + 5K from MSND for LYAPUNOV Award
 1K from DED Custodial + 1K from MSN for MSN Committee Award (new)
 10K from DED Custodial to DaVinci AWD account

Total in 2007: \$46K

2- Decide for a formula for Rev. distribution from IDETC.

Unresolved Issues

(Keep these in the treasurer's report until resolved.)

Issue	Comments	Status/ actions
Revenue from IDETC 2006 (Philadelphia) is projected to be about \$ 40K to be yet distributed?	It seems that income and expenses are deposited in the custodial account. It is not clear how much was exactly the revenue. Is CIE's portion paid? I have not seen a push down to the committees yet.	-Email sent to Ken Hunt, Ellen Houser in June 2007. No response. - Have Asked Erin to provide info and background (March 7 th). Mike Weis (ASME Deputy Exec Director and CFO) has promised to look into this.
Revenue from IDETC 2007 is projected to be about \$200K to be yet distributed.		Erin is to provide paper count. Kazem+ Judy to decide distribution.
IMECE 2007 (Seattle) revenues are not calculated yet.		Follow up with Richard Ulvila to see when it is done.
Revenues of NMW 2007 (\$1550.79) have been deposited into DED	This is the last year DED will receive revenue sharing from NMW.	I have not been able to confirm yet. Mike Weis (ASME Deputy

custodial account?		Exec Director and CFO) has promised to look into this.
NMW 2006 revenues (\$4,857.95) deposited?	It might have been as part of other revenue items for FY 2007? It is not clear.	e-mails sent by Judy and myself. I have not been able to confirm yet. NEED HELP FROM ACCOUNTING. Mike Weis (ASME Deputy Exec Director and CFO) has promised to look into this.
IMECE 2006 (Chicago) revenues are \$7,475.55 and are deposited into DED custodial account?		I have not been able to confirm yet. NEED HELP FROM ACCOUNTING. Mike Weis (ASME Deputy Exec Director and CFO) has promised to look into this.
Per Judy's calculations t an additional \$3,304.60 is owed to the DED Custodial account from the revenues from these conferences: IMECE 2003 IMECE 2004 NMW 2003 IDETC 2004 IDETC 2005	Repeated inquiries by Judy to Noha and accounting Inquiries by KK to Accounting No resolution/response.	Suggestion: Stop chasing this. It appears impossible to resolve this item. Mike Weis (ASME Deputy Exec Director and CFO) has promised to look into this.
There are a number of other items from 2004 through 2006 that total to about \$400. KK has the list		Suggestion: Stop chasing this. It appears impossible to resolve this item.

Report of the Immediate Past Chair

Shapour Azarm

For March 11, 2008 DED Exec Teleconference Meeting

I have two items to report. The first item is a report of the election outcome for the two new positions in the DED Exec Comm. The second item is an issue that requires DED Execs' vote.

1. Election of the two open positions in the Executive Committee was successfully conducted following the election procedures of the DED. Hamid Hamidzadeh was elected as the IDETC Executive whose appointment began immediately. Vijay Kumar was elected as the Secretary of the DED whose appointment will begin on July 1, 2008.

2. This item requires DED Execs vote to approve. This item pertains to the ISSMO-ASME agreement. ISSMO stands for International Society and Structural and Multidisciplinary Optimization. ISSMO has recently signed a similar agreement with AIAA. The purpose of the agreement is to facilitate interactions between ISSMO and ASME (in particular, DED's Design Automation Technical Committee). FYI, this agreement has already been approved by the Design Automation's Exec Committee and also the Executive Committee of the ISSMO. (Please see the attachments.)

Respectfully,

Shapour Azarm

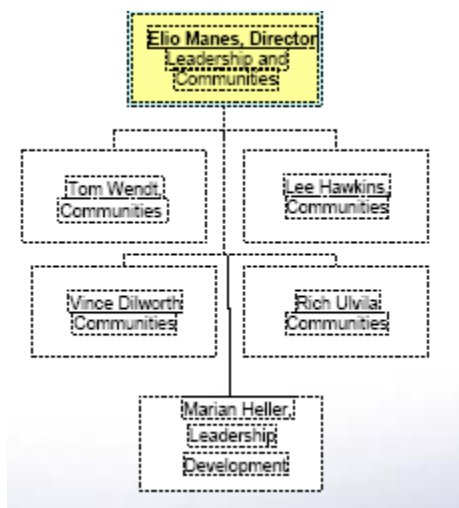
Immediate Past Chair

ASME Headquarters Report March 5, 2008

Support Tools

- **Financial access to custodial accounts** - new E-tool designed to reduce your volunteer workload and to help you run your unit more effectively. For units that have custodial based accounts, ASME's IT, Accounting and Unit Support departments have developed an online "Financial Reports" page that will provide you with 24/7 access to your latest monthly account reports.
- **Netkeeper – This is a communications tracking and routing tool.** Deidra reported that testing with volunteers began. Submitting requests was successful, but the uploading of documents failed. Also, Unit Support staff were not able to sign in to the application. Both of these issues are being addressed and the testing continues.
- **COP** - - The use of the COP was discussed at length. An on-going complaint is that the COP is not public and only those that sign in can even view the communities that are available. Investigation is underway to address this limitation.
- **LTC** – Resources & Communication Tools Presentation discusses effective use of support tools.

Organization – Marian Heller has joined L&C – No change to R Ulvila assignments



Membership

During the past several years, ASME has used its official membership total as 120,000 members. Effective today, all communication referencing ASME membership numbers should indicate membership as "more than 127,000 members." This change reflects considerable growth (YTD, as of Dec. 2007) due primarily to students (22%) and non-U.S. members, including students (16%). Please update current Web references to membership totals, along with any presentations or future print material.

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

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

Report to DED Executive Committee

Key websites:

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

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

<http://www.asmeconferences.org/IDETC07/Keynote-NSF.cfm>

The 2007 IDETC/CIE consists of record-breaking **thirteen conferences**. Twelve conferences are organized by various technical committees in the ASME Design Engineering Division and the Computers and Information in Engineering Division. One conference is corporately organized with IEEE. These thirteen technical conferences are:

- 21st Biennial Conference on Mechanical Vibration and Noise (VIB)
- 27th Computers and Information in Engineering Conference (CIE)
- 2007 ASME/IEEE International Conference on Mechatronic and Embedded Systems and Applications (MESA07)
- 6th International Conference on Multibody Systems, Nonlinear Dynamics, and Control (MSNDC)
- 33rd Design Automation Conference (DAC)
- 10th ASME International Power Transmission and Gearing Conference (PTG)
- 19th Reliability, Stress Analysis, and Failure Prevention Conference (RSAFP)
- 31st Mechanisms and Robotics Conference (MECH)
- 1st International Conference on Micro- and Nanosystems (MNS)
- 4th Symposium on International Design and Design Education (DEC)
- 19th International Conference on Design Theory and Methodology (DTM)
- 12th Design for Manufacturing and the Life Cycle Conference (DFMLC)
- 9th International Conference on Advanced Vehicle and Tire Technologies (AVTT)

The 2007 IDETC/CIE initially received more than **1,700** abstracts (by February 20th) and accepted **1,439 abstracts** among the thirteen conferences. The total number of draft papers received was 1,409 and only **1,223** made the final technical program. There are **12 specific conference keynote lectures** and **10 tutorials/workshops** sponsored by various technical committees and conferences. In addition, a general conference welcome keynote lecture entitled “**Shaking the Money Tree - Funding at NSF**” reported by three NSF Program Directors (Dr. **Suhada Jayasuriya** - Control Systems, Dr. **Eduardo Misawa** - Dynamical Systems, and Dr. **Judy M. Vance** - Engineering Design of the NSF’s Civil, Mechanical and Manufacturing Innovation Division) is scheduled at 7:45 AM Wednesday morning. Accordingly, the Chairs proudly present a best-ever IDETC/CIE technical program to the design engineering community in Las Vegas. Note that a successful program depends on many

dedicated conference chairs, program chairs, symposium organizers, authors and reviewers. The Chairs would like to express their sincerest appreciation to these people who make this landmark IDETC/CIE07 a reality.

In addition to the excellent technical program, IDETC/CIE07 will offer **two receptions** respectively on Tuesday (9/4) and Wednesday (9/5) nights and division/conference/committee award dinners on Thursday (9/6) evening. 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 and especially all participating students at the Deans' Reception on UNLV campus. The IDETC/CIE will host the second reception at Rio and award dinners at **Caesars Palace** (please refer to the final program or web information for details).

A select number of new innovations and unique services (different from past practices) of current IDETC/CIE are highlighted here:

- The Conference will have a "Technical Program Opening Reception" on Wednesday morning with serving breakfast to ALL conference attendees. This will provide a great start and networking opportunity for the participants.
- The Technical Program Opening will be followed by a unique "General Session Keynote Speech" by NSF three Program Directors as detailed above. This is a great technical opening for the conference, and both general audience and students will greatly benefit.
- The Conference will offer 6 separate "Dinners Banquets" for all the thirteen conferences instead of the traditional luncheons.
- The Conference has hired 9 graduate students as "Student Volunteers" to help with a variety of tasks and activities during the Conference. They will be educated about their tasks and will be wearing a special t-shirt to be recognizable to all conference attendees. This is in line with ASME goal in involving more and more students in its conferences.

Again, the IDETC/CIE 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, authors, reviewers, student participants, ASME staffs (especially **Erin Dolan and Christina Perakis**), as well as various advisory and international committee members. Without these leaders, advisors, promoters, participants and facilitators, this record-setting IDETC/CIE is not possible. Las Vegas is an exciting city to visit. Please come to enjoy not only the excellent technical program, but also the dynamic city. See you at the IDETC/CIE07, September 4-7, 2007.

Horn-Sen (H.S.) Tzou, General Conference Chair
University of Kentucky, Lexington, KY

Nader Jalili, Technical Program Chair
Clemson University, Clemson, SC

2008 IDETC/CIE Status Update

We have completed the draft of 2008 IDETC/CIE program plan based on the available spaces at the Brooklyn Marriott Hotel as well as the submitted paper counts. The information has been shared with all conferences and we will review the planning in our regularly scheduled conference call for this month. As you may already know, we have received a total of 874 draft papers. This may well be a record year for even year conferences. The total number this year is about 50% higher than the total for 2006 Conference and is higher than what we have initially planned for. Here is a breakdown of the numbers:

MR: 201
DAC: 176
CIE: 207
DTM: 109
DFM: 44
DEC: 29
MNS: 70
AVTT: 38

We are in the process of finalizing non-paper related program requirements that include: keynotes, panels, invited talks, poster sessions, tutorials and workshops, and other conference matters such as the luncheon events. We have put together a program plan for key milestones and deadlines that we have shared with all conference chairs and program chairs. We have clearly identified the date, communication flow and the program items in this plan. We have been conducting monthly conference calls with these conferences to make sure that each conference follows the set schedule and deliverables. We are on track with our plan for 2008 IDETC/CIE Conferences.

Thanks,
Souran

Technical Program At-a-Glance

Sunday, August 3, 2008		Salon A	Salon B	Salon C	Salon F	Salon G	Salon H	Salon I								
8:45-12:00PM	Tutorials and Workshops															
1:15-4:30PM	Tutorials and Workshops															
Monday, August 4, 2008		Salon C	Athletes Writers	Salon A	Salon I	Gleason	Salon F	Salon G	Roebing	Actors	Robinsor	Salon B	Salon H	Comme	Whitman	
7:00-8:00	Breakfast (Salon E)															
08:00-08:50 AM	General Conference Plenary	Conference Plenary														
9:00-10:30 AM	Sessions	MR	MR	MR	DAC	DAC	DAC	CIE	CIE	CIE	DFM	DEC	MNS	DTM	AVTT	
10:30-11:00 AM	Coffee break															
11:00-12:30 PM	Sessions	MR	MR	MR	DAC	DAC	DAC	CIE	CIE	CIE	DFM	DEC	MNS	DTM	AVTT	
12:30-2:00 PM	Luncheons	CIE Luncheon and Keynote 1 (Salon					MR Luncheon (Salon E)									
2:00-3:30 PM		MR	MR	MR	DAC	DAC	DAC	CIE	CIE	CIE	DFM	DEC	MNS	DTM	AVTT	
3:30-4:00 PM	Coffee break															
4:00-5:30 PM		MR	MR	MR	DAC	DAC	DAC	CIE	CIE	CIE	DFM	DEC	MNS	DTM	AVTT	
5:30-7:00	Transportation from Hotel to Boat															
Tuesday, August 5, 2008		Salon C	Athletes Writers	Salon A	Salon I	Gleason	Salon F	Salon G	Roebing	Actors	Robinsor	Salon B	Salon H	Comme	Whitman	
7:00-8:00	Breakfast (Salon E)															
	Individual Conference															
08:00-08:50 AM	Keynotes or Early Sessions	MR	Keynote 1 (Salon C)	DAC	Keynote 1 (Salon H)	CIE	Keynote 2 (Salon F)					DEC	MNS			
9:00-10:30 AM	Sessions	MR	MR	MR	DAC	DAC	DAC	CIE	CIE	CIE	DFM	DEC	MNS	DTM	AVTT	
10:30-11:00 AM	Coffee break															
11:00-12:30 PM	Sessions	MR	MR	MR	DAC	DAC	DAC	CIE	CIE	CIE	DFM	DEC	MNS	DTM	AVTT	
12:30-2:30 PM	Luncheon	DED Luncheon (DAC, DTM, DEC, DFMLC, A)														
2:30-4:00 PM		MR	MR	MR	DAC	DAC	DAC	CIE	CIE	CIE	DFM	DEC	MNS	DTM	AVTT	
4:00-4:30 PM	Coffee break															
4:30-6:00 PM		MR	MR	MR	DAC	DAC	DAC	CIE	CIE	CIE	DFM		MNS	DTM	MR	
Wednesday, August 6, 2008		Salon C	Athletes Writers	Salon A	Salon I	Gleason	Salon F	Salon G	Roebing	Actors	Robinsor	Salon B	Salon H	Comme	Whitman	
7:00-8:00	Breakfast															
	Individual Conference															
08:00-08:50 AM	Keynotes or Early Sessions	MR	Keynote 2 (Salon C)											MNS		
9:00-10:30 AM	Sessions	MR	MR	MR	DAC	DAC	DAC	CIE	CIE	CIE	DFM		MNS	DTM	CIE	
10:30-11:00 AM	Coffee Break															
11:00-12:30 PM	Sessions	MR	MR	MR	DAC	DAC	DAC	CIE	CIE	CIE	MNS		MNS	DTM	CIE	
12:30-2:00 PM	Lunch break															
2:00-3:30	Sessions	MR	MR	MR	DAC	DAC	DAC	CIE	CIE	CIE	CIE		MNS	DTM		
3:30-4:00	Coffee Break															
4:00-5:30	Sessions	MR	MR	MR	DAC	DAC	DAC	CIE	CIE	CIE	CIE		MNS	DTM		
		36 Paper Sessions			34 Paper Sessions			36 Paper Sessions			12 Paper sessions		12 paper sessions		12 paper 7 paper sessions	
		1 MR Panel Sessions			2 DAC Panel Sessions			4 CIE Panel Sessions			6 Paper		1 panel			
		2 Keynotes			1 Keynote			1 Regular Keynote								

1 unused keynote slot
can be used for papers
or short panel session

1 Lunch Keynote

1 unused keynote slot
can be used for papers
or short panel session

sessions 2 keynotes

1 Panel
session
1 Keynote

Room Info

Room	Availability	Capacity
Salon A	6:00 AM – 6:00 PM	115 (TS)
Salon B	6:00 AM – 6:00 PM	115 (TS)
Salon C	6:00 AM – 6:00 PM	115 (TS)
Salon F	6:00 AM – 6:00 PM	115 (TS)
Salon G	6:00 AM – 6:00 PM	125 (TS)
Salon H	6:00 AM – 6:00 PM	125 (TS)
Salon I	6:00 AM – 6:00 PM	125 (TS)
Robinson	6:00 AM – 6:00 PM	40 (TS)
Whitman	6:00 AM – 6:00 PM	40 (TS)
Roebing	6:00 AM – 6:00 PM	40 (TS)
Gleason	6:00 AM – 6:00 PM	40 (TS)
Actors	6:00 AM – 10:00 PM	40 (TS)
Comedian	6:00 AM – 10:00 PM	50 (TS)
Writers	6:00 AM – 10:00 PM	50 (TS)
Athletes	6:00 AM – 6:00 PM	40 (TS)
Brighton Beach	6:00 AM – 6:00 PM	30 (TS)
Coney Island	6:00 AM – 6:00 PM	30 (TS)
Prospect Park	6:00 AM – 6:00 PM	20 (TS)
Fulton Ferry	6:00 AM – 6:00 PM	30 (TS)

Note: All Salon rooms can hold more seats than indicated

These four rooms can hold more seats than indicated.

These rooms are very small and are for committee meetings.

IDETC 2009 Status Report February 25, 2008

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: flowegt@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

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.

3. Participating Conferences

IDETC 2009 will include the following conferences:

- 22nd Biennial Conference on Mechanical Vibration and Noise (VIB)
- 29th Computers and Information in Engineering Conference (CIE)
- 2009 ASME/IEEE International Conference on Mechatronic and Embedded Systems and Applications (MESA09)
- 7th International Conference on Multibody Systems, Nonlinear Dynamics, and Control (MSNDC)
- 35th Design Automation Conference (DAC)
- ASME Power Transmission and Gearing Conference (PTG)
- 20th Reliability, Stress Analysis, and Failure Prevention Conference (RSAFP)
- 33rd Mechanisms and Robotics Conference (MECH)
- 3rd International Conference on Micro- and Nanosystems (MNS)
- 6th Symposium on International Design and Design Education (DEC)
- 21st International Conference on Design Theory and Methodology (DTM)
- 14th Design for Manufacturing and the Life Cycle Conference (DFMLC)
- 10th International Conference on Advanced Vehicle and Tire Technologies (AVTT)

3. Conference Webpage

The initial IDETC 2009 website is active. It can be found at <http://www.rpi.edu/~anderk5/IDETC2009/>

Report Prepared by:
George T. Flowers and Kurt Anderson

IDETC 2010 Status Report
March 11, 2008

Drew (Program Chair) and I (Conference Chair) have been working with Erin Dolan (ASME staff) with regard to location. Having the Conference in Montreal is still our first choice as it best meets our goals and needs for a successful conference. Nevertheless, per the DED's request at our Las Vegas meeting we have identified two alternative locations: Portland (Oregon) and Orlando (FL). Portland is interesting in that it is relatively new location for the Conference but weather (rain) may be an issue. Also, since 2009 is in San Diego, selection of Portland would result in two subsequent conferences on the west coast. Orlando will attract attendees but it would require moving the conference to mid to late October due to hurricane season. Moreover, hotel costs in Orlando may prove to be prohibitive.

Erin Dolan is in the process of requesting bids from hotels in all 3 cities: Montreal(QC)(early to mid Sept), Portland(OR)(same), and Orlando(FL) (2nd half of October).

- Pierre Larochelle

Technical Committees & IMECE Report

Technical Committees

- **Change of the Committee Chairs:** We have the following changes in the committee leadership:
 1. Tim Simpson (tws8@psu.edu) of Pennsylvania State University replaced Hea Chang Gea as the Chair of the Design Automation Committee.
 2. For the Vehicle Design Committee, Brian Gilmore of John Deere was nominated as the new Chair, Corina Sando of VPI as the Vice Chair, and Mohammed Elahina of University of Toledo as the Secretary. Moustafa El-Gindy completed 10-year term. The nomination of the new officers was approved by the members of the Vehicle Design Committee.

- **MESA Subcommittee:** Harry Chang proposed to form a new technical committee on Mechatronic and Embedded Systems and Applications (MESA). A subcommittee of MR will be formed first. After one year, a proposal will be submitted in order to approve forming the new committee.

- **Design Education Committee:** Phil Doepker sent a message indicating that his committee is 3 years behind on receiving the allocation from National Manufacturing Week. He also requested funding from the division to support the committee student paper design competition. He is asking for support outside of the committee custodial account for about \$5,000 to \$10,000 to support the student competition. This would include a cash award for the winners and fund travel for up to 3 students per team up to 5 teams.

- **Committee Bylaws and Websites:** There are several technical committees which do not have a website and/or Bylaws. They are listed below.
 1. Design Education Has un-updated website which is not accessible from the “All Technical Committees” site.
 2. Design for Manufacturing No Bylaws
 3. Design Theory and Methodology The website from “All Technical Committees” site goes to UW
 4. Fastening and Joining No website, no Bylaws
 5. Mechanisms and Robotics The web site shows no Bylaws
 6. Micro & Nano Systems The web site is not accessible from the “All Technical Committees” site.
 7. Power Transmission and Gearing No Bylaws, the web site is not accessible from “All Technical Committees” site.
 8. Reliability, Stress Analysis, and Failure Prevention No website, no Bylaws
 9. Vehicle Design No website, no Bylaws

IMECE

1. The data for the 2007 IMECE held in Seattle during the period of November 12 – 15, 2007 are not finalized yet.
2. The 2008 IMECE will be held in Boston during the period October 31 – November 6. Gregory Kowalski is the Program Chair of the Congress.
3. DED made nominations for several track co-chairs. 20 tracks are proposed. A list of these tracks is attached.
4. Abstract submittal deadline for the 2008 IMECE is March 3, 2008.

Prepared by

Ahmed A. Shabana

February 2008

Technical Committee Chair Roster

Design Automation Committee

Hae Chang Gea

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Rutgers University
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Design Education

Prof. Philip E. Doepker, P.E.

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Fax: (937) 229-4922
Email: Phil.Doepker@notes.udayton.edu

Design for Manufacturing

Jeffrey W. Herrmann, Ph.D. (07/07 - 06/08)

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Design Theory and Methodology

Michael J. Scott, Ph.D. (07/07 - 06/08)

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Fastening and Joining

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Mechanisms and Robotics

Vijay Kumar

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Micro & Nano Systems (MNS)

Laxman Saggere

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251)
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Multibody Systems and Nonlinear Dynamics

Kurt Anderson (07/07 - 06/08)

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Nuclear Engineering (JEC 4006)
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Power Transmission and Gearing

Ahmet Kahraman, Ph.D. (09/05 - 08/07)

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Fax: (614) 292-3163
Email: kahraman.1@osu.edu

Reliability, Stress Analysis & Failure Prevention

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New Proposed No.	2008Track Name	2008 Chair email	2008 Co-Chair email	2008 Co-Chair email	2008 Co-Chair email
1	Advances in Aerospace Technology	<i>Ashley Emery,</i> <i>emery@u.washington.edu</i>			
2	Biomedical and Biotechnology Engineering	<i>Ahmed Al-Jumaily</i> <i>ahmed.aljumaily@aut.ac.nz</i>	Wilson, Sara E, sewilson@ku.edu		
3	Combustion Science and Engineering	<i>Chenn Qinn Zhou</i>			
4	Design and Manufacturing	<i>Ramakrishna (Rama) Koganti,</i> <i>rkoganti@ford.com</i>	larve, Endel, Endel.larve@WPAFB.AF.MIL		
5	Design, Analysis, Control and Diagnosis of Fluid Power Systems	<i>Nariman Sepehri,</i> <i>nariman@cc.umanitoba.ca</i>			
6	Electronics and Photonics	T. Eric Wong, tse_e_wong@raytheon.com			
7	Emerging Technologies	Pradeep Lall			

8	Energy Systems: Analysis, Thermodynamics and Sustainability	Mike Ellis, mwellis@vt.edu	Mansour Zenouzi, zenouzim@wit.edu		
9	Engineering Education and Professional Development	Jen Jewers, jrjewers@sbcglobal.net			
10	Heat Transfer, Fluid Flows, and Thermal Systems	Van Carey, vcarey@me.berkeley.edu			
11	Mechanical Systems and Control	Albert Luo <aluo@siue.edu>	Liang-Wu Cai, cai@ksu.edu (topic:Phononic Materials)		
12	Mechanics of Solids, Structures and Fluids	Tayfun Tezduyar, tezduyar@sbcglobal.net			
13	Micro and Nano Systems	Aman Haque, ahaque@mne.psu.edu	Wing-Kam Liu, wliu@northwestern.edu (Applied Mechanics Division Representative)	Gang Chen, gchen2@mit.edu (topic:Micro-Nano symposium session)	Laxman Saggere, saggere@uic.edu
14	Nano-manufacturing Technology	Ahmed Businana, busnaina@coe.neu.edu			
15	New Developments in Simulation Methods and Software for Engineering Applications	Chang Oh, Chang.Oh@inl.gov			

16	Processing and Engineering Applications of Novel Materials	Erol Sancaktar, erol@uakron.edu	Material Symposia M.A. Zikry, zikry@ncsu.edu		
17	Recent Advances in Engineering	Malcolm Andrews, mandrews@lanl.gov			
18	Safety Engineering, Risk Analysis and Reliability Methods	Xu, Shuzhen, Shuzhen.Xu@fmglobal.com			
19	Sustainable Products and Processes	Kowalski, Greg, Temporary			
20	Transportation Systems	Khaled Zaazaa, Zaazaa.Khaled@ensco.com			

Journal Relations Committee Report ASME Design Engineering Division Spring 2007

The objective of the DED Journal Relations Committee (JRC) is to facilitate increased impact of the journals affiliated with the Design Engineering Division. The committee shares best practices, decides appropriate metrics, and determines and implements strategies that influence the journals' impact.

New Journal

Discussions have been ongoing during the past year regarding the formation of a new journal to be sponsored by the Design Engineering Division, entitled, *ASME Journal of Mechanisms and Robotics*. After several iterations on a proposal put forth by Michael McCarthy, recent editor of the *Journal of Mechanical Design*, the journal was finally approved by the Executive Committee (October 15, 2007).

The journal has been approved by ASME, and began operation January 2008 with J. Michael McCarthy, Professor of Mechanical and Aerospace Engineering at the University of California, Irvine, as the Technical Editor. Two associate editors have been approved for the journal, Andrew P. Murray (Univ of Dayton), G.K. Ananthasuresh (Indian Institute of Science).

*Report Submitted by William W. Clark
Chair of Journal Relations Committee*

NDEC/NMW 2008 Report for the DED
March 8, 2008

National Manufacturing Week 2008
Prepared by: **Zissimos P. Mourelatos, Oakland University**

Starting in 2007, the NMW Technical Conference is sponsored by Canon Communications LLC and is held in late September in Rosemont, IL. All ASME divisions, including Design Engineering Division, participate in NMW and Canon distributes revenues to ASME based on organized sessions and attendance.

The number of ASME sessions in NMW 2007 and the attendance dropped dramatically compared with NMW 2006 and previous years. ASME organized only 7 (vs. 31 in 2006) technical sessions. The Design Engineering Division organized 4 (out of 7) ASME sessions one of which was cancelled before the Conference. Details are provided in my August 2007 report. The drop in the number of sessions was attributed to the new conference time (early Fall instead of Spring) which may have resulted in previous attendees missing the new submission deadline.

The Canon surplus from all ASME sessions was \$6,901 and \$3,450 (50% of total surplus) was distributed to ASME divisions based on attendance of all sponsored sessions. The distribution to each division is as follows:

Division	Amount	Percent	# of Sessions	Attendance
DED	\$1,550.79	44.94	3	40
MED	\$38.77	1.12	1	1
PEMD	\$0.0		1	0
MGMT	\$1,512.02	43.82	2	39
T&S	\$348.93	10.11	2	9
MHED	\$0.0		0	0

The DED received \$1,550.79 based on 3 conducted sessions with a total attendance of 40.

Based on the small number of 2007 sessions and the resulting poor attendance, Canon proposed to change the existing NMW agreement with ASME starting in 2008. According to the new agreement, the ASME ME magazine would become the primary contact and there would be no revenue share with participating divisions. ASME agrees to:

- list event in calendar of events for ASME.org and ASME solutions,
 - post event on ASME Communities of Practice Page,
 - send NMW Call for Speakers email to its members,
- and NMW agrees to:
- distribute ME magazine in the publications bins,
 - provide ASME with a complimentary 20x40 sq. ft. booth located in the National Design Engineering Show area,
 - have the opportunity to operate a bookstore in the conference area, and

- list ASME Logo and link on all appropriate materials and web site.

ASME has accepted this new agreement with Canon starting in 2008. As a result, the existing NMW contract is over. Canon will not provide financial reimbursement for services, papers or sessions to ASME, and divisions will not provide programming. Any new agreement with NMW will be managed by John Falcioni representing ASME Publishing.

Respectfully,

Zissimos P. Mourelatos,
NDEC Chair