

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

**Sunday Sep. 10th, 1:30 PM - 4:00 PM
Sheraton Philadelphia Center Hotel, Salon 5
Philadelphia Pennsylvania**

Meeting Agenda

Minutes of March 2005 Meeting

A. Shabana

Chair's Report

S. Azarm

Status of DED Accounts

J. Vance

Past Chair's Report

K.C. Gupta

Headquarters Report

N. El-Ghobashy

Technical Conferences

K. Kazerounian

2006 IDETC/CIE

V. Kumar

2007 IDETC/CIE:

H. S. Tzou

2008 IDETC/CIE:

J. Rastegar/S. Manoochehri

2009 IDETC/CIE:

K. Anderson/G. Flowers

2010 IDETC/CIE (Proposal):

P. Larochelle/A. Murray

Technical Committee Operations

A. Shabana

Impact of DED Journals

L. Howell

Structural Changes in JMD (*see General Committee Report*)

M. McCarthy

Executive Committee Elections

K.C. Gupta

Agenda Supplement (New Items)

ASME Design Engineering Division
Executive Committee Meeting
Agenda
Sunday September 10th, 2006, 1:30 pm – 4:00 pm
Sheraton Philadelphia City Center Hotel, Salon 5
Philadelphia, Pennsylvania

1. Call to Order	S. Azarm	1:30 pm
2. Approval of Minutes	L. Howell/ A. Shabana	1:32 pm
3. Chair's Report	S. Azarm	1:35 pm
4. Vice Chair/Treasurer's Report	J. Vance	1:50 pm
5. Past Chair's Report	K.C. Gupta	2:00 pm
6. Liaison Reports		
(a) Systems and Design Group	K. Waldron	2:10 pm
(b) Headquarters Report	N. El-Ghobashy	2:25 pm
7. Executive Committee Reports		
(a) New Technical Conferences	K. Kazerounian	2:35 pm
• 2006 IDETC/CIE: V. Kumar		
• 2007 IDETC/CIE: H. S. Tzou		
• 2008 IDETC/CIE: J. Rastegar and S. Manoochehri		
• 2009 IDETC/CIE: K. Anderson and G. Flowers		
• 2010 IDETC/CIE: TBD		
• 2011 IDETC/CIE: TBD		
(b) Technical Committee Operations	A. Shabana	2:55 pm
8. Journal Relations		
- Impact of DED Journals	L. Howell	3:05 pm
- Structural Changes in JMD	M. McCarthy	3:15 pm
9. Matching Fund Program for DED-TC Awards	J. Vance	3:25 pm
10. Old Business		3:40 pm
11. New Business		
12. - Institutionalizing Executive Committee Elections	K.C. Gupta	3:45 pm
13. Adjourn		4:00 pm

ASME Design Engineering Division Executive Committee Meeting
Minutes of the meeting on
Sunday, March 19th, 2006
UIC Campus, Room 1043 ERF
Chicago, Illinois

Present: S. Azarm, E. Dolan (teleconferencing) N. El-Ghobashy (telconferencing), K.C. Gupta, K. Kazerounian, A. Shabana, J. Vance

1. The meeting was called to order by K.C. Gupta at 9:00 am.
2. **Approval of the Minutes:** The minutes of the Executive Committee Meeting on Sunday September 25th, 2005 held in Long Beach, California were unanimously approved.
3. **Chair's Report:** K.C. Gupta presented the Chair's report (written & oral).
 - **Finance** Krish indicated that the DED finance is in a good shape.
 - **Newsletters** On the issue of the DED Newsletters, Krish mentioned that in the past (before 2005) ASME was paying for the cost of producing, printing and mailing the Newsletters. From 2005, ASME still pays for production and electronic distribution, but divisions have to pay for printing and mailing of paper copies. He mentioned that last year the members of the Executive Committee were evenly split on whether or not to have hard copies produced. The decision was made to produce 16000 hard copies. All members of the Executive Committee recommend printed copies at least for one more year in order to bring more visibility. This subject will be revisited next year.
 - **LTC** The Technology Executive Conference was renamed to Leadership Training Conference (LTC). Krish recommended the incoming Executive Committee Chair to attend this conference. Earlier in 2006; ASME reduced the number of ASME-paid attendees from 2 per division to 1 per division.
 - **ASME Journal of Medical Devices** An update on the proposed document for the ASME Journal of Medical Devices was given (see a later item).
 - **Website** A test DED web page was produced by Shayne Gooch. Based on the input received from the committee members, some changes are recommended. Kazem and Judy recommended adding a picture that pertains to the subject of engineering design. Nonetheless, all the members approved the main design of the web page.
 - **ASME Honors & Awards Committee** Krish discussed the membership of the Honors & Awards Committee. Joe Davidson recommended the reappointment of Alan Parkinson for the Machine design Award. The recommendation was unanimously approved by the members of the Executive Committee. For the Spira Design Educator Award, the committee members approved the reappointment of Art Erdman and Alan Parkinson. For the Worthington Award, Krish recommended the appointment of Joe Davidson as the DED representative. The recommendation was unanimously approved by the members of the DED Executive Committee. All of these terms are for 3 years. (A typo appeared in Krish's written report that mentioned terms as 7/06-6/08 instead of 7/06-6/09. This was corrected in ASME transmittal.)

- **DED Bylaws** Krish pointed out that the DED Bylaws need to be updated. However, Shapour mentioned that Ken Waldron suggested waiting for two years before making changes in the Bylaws because of the ASME reorganization. Judy suggested that the changes approved in 2004 should be moved forward. Krish proposed as a solution to post the DED approved changes on the DED web site with a statement that indicates that these changes are pending approval by ASME. Judy made a motion to accept the changes made in Part I of Article 5 regarding the need to elect a representative to the Council of Engineering. This election is no longer required with the new ASME reorganization. Judy's proposal was unanimously approved by the members of the DED Executive Committee. The newly modified copy of the Constitutional Bylaws and Operating Procedures which includes the changes made in 2004 should be forwarded to ASME for approval.
 - **IEEE/ASME Transactions on Mechatronics** Krish updated the members of the committee on the status of the IEEE/ASME Mechatronics Journal.
4. **Vice Chair and Treasurer's Report:** S. Azarm presented the Vice Chair and Treasurer's report (oral & written).
- **Finance** Shapour reported that the DED finance is in a good shape. The balance provided in the written report was up to 01/31/06. It took time and efforts to get the first financial report from ASME.
 - **Distribution of Excess Revenue** The DED revenue from different conferences was discussed. The figures were presented in the written report. The distribution of the excess revenue to different technical committees will be based on the number of papers (or number of sessions if paper numbers are not available) of each conference. After deducting CIE share, 50% goes to the DED custodial fund and the other 50% is distributed among the technical committees. The distribution of the IMECE revenue will be based on the number of sessions.
 - **Request for Technical Committee Funding** Two requests for funding were made by the Technical Committee on Multibody Systems and Nonlinear Dynamics (\$2,200) and the Technical Committee on Micro and Nano Systems (\$2000). The request of \$2000 for MNS was approved with the stipulation that DED funds not be used for travel, while \$1000 was approved for MSND to help the committee with the initial investment in the award plaque design and casting.
 - **LTC Experience** Shapour reported on his LTC experience. He mentioned that full cost accounting is a concern and it is important to know about the details of the 15% conference charge which is another item of concern. Judy brought up the issue of the approval of the Constitutional Bylaws and Operating Procedures. Noha suggested that we should consult with Ken Waldron who is of the opinion to wait until things settle down. Shapour expressed concerns about the even year conferences which are on the border line in terms of finance. The Dynamic System and Control Division expressed interest in leaving IMECE and joining other division conferences and DED is a natural fit.
5. **Past Chair's Report:** No oral or written report was presented.
6. **System and Design Group Report:** No oral or written report was presented.

7. **Headquarters Report:** N. El-Ghobashy summarized the changes as the result of the ASME reorganization in her Headquarters report (oral). Noha indicated that there are new foci as the result of the ASME reorganization. She summarized ASME strategic objectives which include strengthening the relationship with industry, understanding the needs of members and industry customers outside the United States (globalization), make ASME indispensable for early career engineers by providing technical information, resources and career development services, strengthen the relationship with governments, and increase the revenue through new products and global growth. With regard to globalization, we can plan to have some of our conferences in international locations. Noha also mentioned that we should encourage young engineers to participate in IDETC's. Kazem questioned the planned 15% ASME surcharge on conference budget and asked if such a charge is written in any official document. Kazem indicated that the 2006 IDETC Conference Organizing Committee has a problem accepting this charge. Noha responded that this requirement is made by the ASME Conference Committee. Kazem proposed to relax this policy for even year conferences until such a policy is documented. Krish suggested that Kazem and Vijay Kumar (2006 Conference Chair) send an E-mail to ASME regarding this issue.
8. **Technical Conferences:** K. Kazerounian presented the technical conferences report (oral): Kazem expressed disappointment on how Kim Punter's departure was announced by ASME. He said that the preparation for the 2006 conference is going well and the conference has a good management team and good web site. The 2007 conference is in a good shape. The conference location and hotel have been selected and the conference web site is on. Kazem expressed concerns regarding the 2008 conference. There has been no rate confirmation and there were problems resulting from Kim Punter's departure. The hotel rate in New York City can be very high, and the organizers are exploring having the conference in another city in case New York does not work out. For the 2009 conference in San Diego, there are two chairs and two program chairs. The hotel has not been finalized. For the 2010 conference, there were two declarations of interest, but both were withdrawn. Therefore, the 2010 conference has no active proposal.
9. **Report on Technical Committee Operations and IMECE:** This report was presented by J. Vance (oral and written). Judy reported that the technical committees are doing well. The Design Education Committee is searching for a new chair in 2007. Judy discussed the change of the leadership of the VDC. Shapour mentioned that such a change in the leadership is recommended and will have a positive impact. Judy mentioned that the IMECE sessions get allocated late and this causes problems. This is Greg Kowalski's last year and there will be a change next year. Krish reported that there will be a proposal to form a new technical committee on Entertainment Engineering. Once the proposal is received, probably in Fall 2006, it will be a subcommittee under DFM for at least one year. The idea of moving VDC symposium from IMECE to IDETC was discussed. It is recommended that VDC contacts the 2007 conference chair if there is a plan to join this conference.
10. **Journal of Medical Devices:** K. Kazerounian reported on the Journal of Medical devices (oral): A special issue on medical devices of the ASME Journal of Biomechanical Engineering appeared recently. Kazem summarized the journal advisory board document that explains the structure of the Advisory Board (included in the report). Kazem made a motion to approve the advisory board document. Krish recommended some editorial changes regarding typographical mistakes in the name of the journal and division. Krish suggested approving the advisory board document, but he made it clear that there will be no more

approvals until the complete journal proposal is finalized and looked at by DED Executive Committee members. The advisory board document was unanimously approved by the DED Executive Committee.

It was also recommended to include the documents on the journal co-sponsorship on the DED web site so that it can be easily accessed. The document for JCISE will be extracted from a longer e-mail by Shapour and sent to the members of the DED Executive Committee for review. A web site sub-link will be established for these documents.

11. **Old Business:** The idea of changing from division to institute was brought up again for discussion by Judy. Krish indicated there has been no progress made regarding this issue.

12. **New Business:** Two items were discussed:

- **TCVS Concern** The TCVS' written concern over the lack of adequate representation in the DED Executive Committee was discussed. The members of the DED Executive Committee expressed their views on this subject. It was suggested that Krish Gupta as the Chair of the committee respond in writing to the TCVS letter.
- **Industry Participation** Increasing the industry participation was discussed at the end of the meeting. No specific recommendations were made.

13. The meeting was adjourned at 12:30 pm.

Respectfully submitted,

Ahmed A. Shabana
Secretary of the DED Executive Committee

DED Chair's Report (August 28, 2006)

Finances. Financially, the Division is doing well. The balance in all DED accounts (general, awards and Technical Committees (TCs)) as of 6/30/06 was \$637,549. (For comparison, as of 6/30/03 the balance was \$341,838, which means that the Division's financial profile has improved significantly since 2003!)

Just before the end of my tenure as Treasurer I instructed ASME with distributions of excess revenues among TCs. These distributions were for excess revenues from IMECE2003 & 2004; NMW2003, 2004 and 2005; IDETC2004 & 2005. 1) Calculations of these distributions were made based upon the number of DED sessions in IMECE2003 & 2004; number of attendees in NMW2003; and number of papers in IDETC 2004 & 2005. 2) No information on number of sessions, etc was available for NMW2004 & 2005, hence no pushdown actions were made for these two meetings. 3) For all conferences, the distributions were calculated as follows. (i) If excess revenue was from IDETC, then DED and CIE shares were calculated first proportional to their number of papers. (ii) DED's share was then divided into two parts: (a) 50% credited to DED custodial acct, and (b) the other 50% was divided among TCs proportional to the number of papers (or number of sessions, whichever was available). (A correction factor of 1.5 was included for DTM.) (iii) If there was a symposium in IDETC without TC sponsorship, the excess revenues were credited / kept in the DED custodial. I was informed by the ASME controller (Mr. Ray Farrlley) in early July 2006 that these transfers were made. Following that I verified these transfers independently when I received the June 2006 custodial fund report in late July 2006.

Committees. The Division now has 12 TCs whose chairs and terms usually follow TC's plan of organization. The newest is the TC on Micro & Nano Systems (MNS). (In this regard, a Nanotechnology Council has been formed within the Technical Communities of the ASME to facilitate the coordination of nanotechnology activities among various divisions and Nanotechnology Institute ---our Rep.- in this council is Ahmed Shabana.) All TCs are expected to have bylaws (and most do) with clear plans for leadership succession, and a homepage for their activities. The Division also has 11 "Standing" and 2 "Special" committees. The newest standing committee that I have formed is: Journal Relations, chaired by the secretary of the Division (this year: Larry Howell) and has the technical editors of the DED (co-) sponsored journals and the chair of the Division as its members. The purpose of the Journal Relations committee is to establish a coordinated effort for finding ways and using best practices for improving impacts of DED journals. Also, I have already reappointed most of the other chairs for standing/special committees for this fiscal year. However, there are a few openings now (or will be in the near future) and I look forward for volunteers to fill these positions. These openings include the chair of the standing committee on "Government Relations" and that of the Publicity and Newsletter (i.e., the editor of the DED newsletter)---the current editor has agreed to continue his tenure until a replacement is identified. There are a few other standing committees whose chair's position will become open soon.

Journals. DED now sponsors or co-sponsors six (or nearly one-third of all) ASME transaction journals: i) *Journal of Mechanical Design*, ii) *Journal of Vibration and Acoustics*, and iii) *Journal of Computational and Nonlinear Dynamics* are fully sponsored by the Division. The *Journal of Computing and Information Science in Engineering* is co-sponsored with the Computer and Information in Engineering (CIE) Division, while the *IEEE/ASME Transactions on Mechatronics* is co-sponsored with IEEE and has the participation of the Dynamics Systems and Controls Division. Finally, we have a new journal: *Journal of Medical Devices* which the Division co-sponsors with Bioengineering.

IMECE. As you might know numerous concerns have been raised regarding IMECE. These include "registration fees, location, length of the meeting, overlap between ASME business meetings and technical sessions, large number of no-shows, limited industrial participation, poor quality of presentations, low session attendance, paper review coordination, etc." As a result, the ASME President

with Board of Governors appointed a “Congress Strategic Planning Committee” in 2005 to address these concerns. This committee approved a new format and name for the IMECE which is: International Engineering Research and Innovation Congress (IERIC). The new IMECE (or IERIC) will focus on presentation of research papers and will be held in November. The business/professional part of IMECE will be moved to the Summer Annual Meeting. IERIC will be about 3 days long and have 14 or so parallel sessions. A “Congress Steering Committee” has been formed which will set policy and strategic directions for IERIC. The DED Rep. on this committee is also Ahmed Shabana who will update us. Finally, there will be a new formula for excess revenues distributions from IMECE starting in 2006: (1) 40% of excess rev will be returned to the ASME General Fund; (2) the other 60% will be distributed to all Congress programming units based on a formula that rewards sponsoring units for technical session attendance (member and non-member), as follows: “{ave attendance of unit sessions x (no of unit sessions > 10 attendees)}/{ave attendance of all Congress sessions x total Congress sessions}”. Based on this formula, sessions with less than 10 attendees will represent real losses to Divisions.

NMW. For a long time the National Manufacturing Week (NMW) was held in March in Chicago, most recently under Reed Exhibitions. It appears that starting in 2007, NMW will be held in late September (9/25-9/27 for 2007) in Chicago. (FYI, IDETC 2007 will be held during September 4-7, 2007 in Las Vegas.) The new NMW will be run by Canon Communications which plans to combine NMW with Assembly and Quality. The event’s new name will be: “Assembly Expo, Quality, and National Manufacturing Week” and reportedly will be “the nation’s largest design and manufacturing tradeshow”. At the moment, the concern is that the end of September might be too close or can have conflict with future IDETC dates. Noha will keep us posted when a new memorandum of understanding with respect to the ASME participation is signed up.

Newsletter. DED’s newsletter for summer 2006, edited by Chin An Tan, came out in late summer and was 8 pages. In its March 2006 meeting, the DED Executive Committee approved that as in previous years a hardcopy of the newsletter to be sent to DED’s primary members. This decision will be revisited again next year during the Executive Committee’s March meeting. The newsletter was (to be) sent to 16,459 members with demographics that included: Domestic (14,561) and Int'l (1,898). Here are the prices (as given to me by the ASME staff: LaShion Pettiford): \$400.00 for “Artwork from Sue Huggins”; \$150.00 for “AA's”; \$3842.00 for “Printing”; \$470.00 for “Inkjetting”; \$156.00 for “Tabbing”; \$949.00 for “Foreign mailing”; for \$5,967 total, about \$0.37 per copy. A softcopy of the newsletter is available at: <http://divisions.asme.org/ded/NewsLetters/DEDNewsletter06.pdf>

Respectfully,

Shapour Azarm
Chair
Design Engineering Division

Status of DED accounts, as of 09/10/06:

Account Number	Account IDs	Balance 12/31/05	Balance 01/31/06	Balance 06/30/06
4-0414-xxxx	All a/c	552,849.73	570,953.50	637,549.37
4-0414-0000	DED-General	311,347.86	321,243.44	317,737.72
4-0414-5001	DAC Award	32,208.82	33,301.49	33,473.82
4-0414-5002	Abbot Award	27,775.61	28,717.88	28,866.49
4-0414-5003	Da Vinci Award	635.48	657.03	660.42
4-0414-5004	Den Hartog Award	29,392.00	30,389.10	30,546.36
4-0414-5005	Outstanding Educator Award	293.98	303.95	305.53
4-0414-5006	M&R Award	14,269.92	14,754.01	14,830.38
4-0414-5007	Myklestad Award	11,307.83	11,691.45	11,751.95
4-0414-5008	DTM Award	1,509.53	1,560.75	1,568.83
4-0414-5009	A.T. Yang Memorial Award	49,446.34	51,123.78	51,388.34
4-0414-5053	D'Alembert Award	15,115.24	15,628.02	15,708.91
4-0414-5054	Lyapunov Award	15,115.24	15,628.02	15,708.91
4-0414-5032	DAC	3,635.42	3,758.76	11,099.20
4-0414-5034	M&R	969.56	1,002.46	9,662.99
4-0414-5035	DFM	10,342.93	10,693.81	14,487.14
4-0414-5036	DTM	10,538.71	10,896.23	15,362.63
4-0414-5037	RSAFP	1,777.93	1,838.25	3,597.78
4-0414-5038	DEDC	1,795.03	1,855.92	5,211.52
4-0414-5041	TCVS	881.25	911.15	20,347.87
4-0414-5042	PTG	7,780.82	8,044.78	10,431.41
4-0414-5048	VDGN	722.80	747.32	1,659.19
4-0414-5049	F&J	1,167.00	1,206.58	1,699.81
4-0414-5050	MSND	5,273.08	5,451.97	21,442.19

1. Excess revenues for conferences that DED sponsored are as follows: IMECE2003(\$2,159); IMECE2004(\$5,727); NMW2003(\$10,135); NMW2004(\$7,519); NMW2005(\$3,448); IDETC2004(\$2,150); and IDETC2005(\$125,609). The push downs (or distributions) of excess revenues to committee accounts were recently completed, as reported by the ASME Controller (Mr. Ray Farrlley) in his June 2006 custodial fund reports (see the column "Balance 06/30/06"). For details see the Chair's report.
2. The ASME accounting year is from July 1 to June 30.

Very Respectfully,

Judy Vance (with input from Shapour Azarm)
 Vice Chair & Treasurer
 09/10/2006

DED Immediate Past Chair's Report

September 10, 2006

I summarized many of the items from last year in my report in the *2006 Design Newsletter* (available online at <http://divisions.asme.org/ded/newsletIndex.html>). It included an overview of our cooperating activities with other divisions (BIOE, CIE) and societies (IEEE), some general details about finances, awards, technical committees, newsletter and website. Most of you have seen this report, so it is not necessary for me to repeat these details here.

An important function of the Immediate Past Chair is to conduct the election for the new member of the Executive Committee. Elsewhere you will find a draft proposal for the *Election Procedures for the Incoming DED Executive*. There is nothing radical here. For most part it is a compilation of the related items that are scattered in our *Constitution*, *Bylaws* and *Operating Procedures* – and these are clearly referenced. I have supplemented these with few operational details based upon my general observations of elections over the last four years. My hope is that such a formal document will clarify many things upfront and will avoid possible controversies or misunderstandings during the election.

Since July 1, 2006, Division is in the able hands of Shapour Azarm, Chairman for 2006-07.

Krishna C. Gupta
Immediate Past Chairman
Design Engineering Division

K & C Communiqué

Newsletter of the Knowledge & Community Sector of ASME

August 2006

The K & C Communiqué provides unit leaders with updates on current activities and important information items useful for unit operations. The K & C Board of Directors publishes this newsletter monthly. Please send your comments and article suggestions to dichtb@asme.org.

What's in this Issue?

Message from the Managing Director

~ Getting Ready for the New Program Year

Message from the Vice President, Technical Communities

~ Challenges for the ASME Technical Communities

New Knowledge And Community Officers Nominated

Section Best Practices Now Available Online

Volt Academy's Leadership Resources Web Page

Volunteer Center

Focus On Ethics In The 21st Century

Eclipse Kickoff A Great Success!

New Section Merit Funding Program - Very Important

Important Deadline - Officer Coding for 2006 - 2007

Contact Information

~ K & C Board of Directors

~ District Leaders

~ Technical Group Leaders

Where to get Staff Assistance

A MESSAGE FROM THE MANAGING DIRECTOR

Getting Ready for the New Program Year

Burt Dicht

It has been a busy summer as the Knowledge and Community Board of Directors and the Community Operating Boards prepare for this new program year. We trust that you've had a healthy and enjoyable summer and that you too are making plans and preparations for your unit activities for the coming year.

This issue of the Communiqué will differ slightly in that it will focus on informational and administrative items that can aid your planning. This includes new officer and contact information as well as program and filing requirements.

The Knowledge and Community Sector had an active year last year with fourteen technical conferences, more than seven hundred section programs, more than one hundred and fifty active Communities of Practice, twelve Student Leadership Seminars, twelve Student Conferences, a very successful Leadership Training Conference, three early career forums and hundreds of other programs offered by our student sections.

The dedication and hard work of thousands of volunteers in our divisions, sections, student sections and our affinity communities made all of this possible. As we move into the second year of operation, the Knowledge and Community Sector Board is committed to improving the operational resources available to you to help make this program year more successful than the last and to continue to enhance the value of being an ASME member.

Please continue to communicate your concerns, questions and suggestions. And good luck on a very productive and successful year.

A MESSAGE FROM THE VICE PRESIDENT OF TECHNICAL COMMUNITIES

Challenges for the ASME Technical Communities

Dan Segalman

As incoming VP for Technical Communities, it is time for me to present some of the vision that I have developed over the past year for what must be the near term and long term future of the Technical Communities. Let me emphasize that I present what I see as a coherent picture for our future, but I am not so arrogant as to believe that it is not subject to critical review and to improvement through the comments of others. I would like to hear the comments of the Technical Group Leaders (TGLs) and the Technical Division Chairs (TDCs) - in particular I would like to hear their corrections and suggestions.

The major challenges that I see for the Technical Communities are the following:

1. Maintaining the health of the divisions with less staff support
2. Doing our work with respect to journals and conferences to maintain ASME's status as the premier mechanical engineering society in the world
3. Developing sufficient agility to claim ownership of new technical topics as they arise
4. Providing the additional support that local and student sections need to prosper.

I shall discuss these one at a time.

Maintaining Health of Divisions: This has always been a significant issue and it was being addressed in a general manner by the former Council on Engineering (COE) when Continuity & Change interrupted the process. The new world in which we find ourselves is one where the responsibilities placed on the divisions are increasing and the support that they receive from staff is decreasing. I shall say more about the new responsibilities further on. Though some people are now speaking about success only in financial terms, we must remember that other measures of success include the quality of our journals and conferences, the professional interaction and camaraderie we facilitate among our members, and the impact that we make on our intellectual communities. By all these measures, the most successful divisions are those that have vibrant technical committees, succession plans for their leadership that create

deep benches of trained volunteers, and a strong sense of service to their constituencies. In order to achieve these conditions, I have arranged for the creation of a standing committee on Division Health and Training - similar to the COE Committee on Technical Planning - that will assure every division achieves these important features. I have appointed Rick Marboe, acting chair of the Environment and Transportation Technical Group, to chair this committee and he will recruit members from among Group and Division leadership. This committee will help each division evaluate its situation. One element of this is to make sure that each division has access to the financial, attendance, membership, and publication information necessary for good metrics of health. For divisions that show an indication of ill health, this committee will help the division leadership and the leaders of the groups to which they belong to develop recovery plans. Annual reports and strategic plans are important elements of this process, but a well-articulated set of health criteria is just as important.

ASME is encouraging an entrepreneurial approach to embracing new technologies and opportunities. So we will be looking for ways to help divisions be successful in this. We have the opportunity at this level to make sure that all interested parties may be aware of how other divisions are taking advantage of these opportunities and to encourage collaboration.

Journals and Conferences (including Congress): This is what divisions do well, but we need to ensure that our good practices continue in the new environment. The COE committees on publications and conferences have been moved out of Technical Communities and into the Programs and Activities Operating Board. That organization sees itself as being there to provide service. Our new chore is to help them configure themselves into a useful and efficient form and to use all the resources that they provide us. We are creating a standing committee on Conferences and Publications in Technical Communities to help build the working relationship between Technical Communities and Programs and Activities and to help resolve any issues as they arise.

ASME currently has a task force reviewing full cost accounting and revenue sharing with respect to journals and I expect this committee to participate in these discussions. I also hope that this committee will work on standardizing the formulae for revenue sharing with respect to conferences.

The chair of this committee has not yet been appointed, and the Technical Communities Operating Board would be grateful for nominations of qualified candidates.

Agility: This is an area in which ASME has not shined. We must ask ourselves why the EEs have been able to claim robotics and much of MEMS when those topics more naturally live within the mechanical engineering world. I believe that the major problem has been that we are organized generally around disciplines rather than applications. This organization has worked well for us and we should continue it, but we do need to increase our visibility in application areas. For instance, we have about twelve divisions with significant activities in Nanotechnology but our presence in the Nanotechnology world is fragmented. We must create the mechanisms for us to achieve visibility in (especially hot) crosscutting topics without sacrificing the organic nature of our division structure.

I am currently negotiating with the Nanotechnology Institute to serve that function for us with respect to Nanotechnology. We in Technical Communities will form a Nanotechnology Council with representation from the executive committees of the divisions having major Nanotechnology activities. Our Nanotechnology Council will provide the major conduit for volunteer organizers to the Nanotechnology Institute and will provide a majority of the members of the advisory board of that institute. The Nanotechnology Institute will function as the virtual institute that it was planned to be, and it will serve as a forum for coordination of Nanotechnology activities among the divisions. Further, it will provide the divisions an opportunity to project a significant Nanotechnology presence to the technical world and introduce an additional avenue for interested people to become involved in division activities.

We should consider creating more homes for collaboration among the divisions in other crosscutting technologies. More thoughts in the general area of agility would be welcome.

Support of Sections: The reorganization and re-budgeting processes have hit the Global Communities especially hard. Additionally, some of the student activities have been moved to the Centers sector, increasing the coordination challenges. There are problems facing the sections for which we can provide no help, but there are some problems where Technical Communities can be a large part of the solution. The two that I have in mind are providing volunteer technical speakers for local section meetings and providing technical volunteers to interact with student sections. In this second case, it would be optimal to have representatives from each of Global and Technical Communities participate in each student section visit. To achieve this we must create a database of technical committee members who are willing to serve in these capacities and we must find someone to take ownership of this activity.

These new duties will involve a small cultural change for the Technical Communities, but one for which I am sure our members will be enthusiastic.

NEW KNOWLEDGE AND COMMUNITY OFFICERS NOMINATED AT THE SUMMER ANNUAL MEETING

The Knowledge and Community Board of Directors (BoD) is pleased to announce that Richard T. Laudenat was selected as the Senior Vice President Nominee. Rich is a former Vice President of the Energy Conversion Group and former chair of the Nuclear Engineering Division.

The BoD is also please to announce that the ASME Nominating Committee has selected Lawrence A. Kielasa as the Vice President Nominee for Financial Operations and Justin Young as the Vice President Nominee for Affinity Communities. Larry is currently the Energy Conversion Group Leader and the former chair of the Power Division. Justin is currently the chair of the Silver State Section and the former chair of the Young Engineers Correspondents.

The BoD extends its congratulations to all three and looks forward to the participation and contributions to the K & C Sector. Rich, Larry and Justin will assume office in June at the Summer Annual Meeting.

SECTION BEST PRACTICES NOW AVAILABLE ONLINE

A cross-sector team of staff and volunteers, chartered under the auspices of the Strategic Issues, Opportunities & Knowledge (SIOK) Committee, has developed a web-based best practices resource for Sections. It provides sections with ideas from other sections on programs, marketing, section structure, and various areas in order to strengthen section operations. A format for the best practice information was developed, best practices were collected, and the initial website put into place. Intended to be a living website that is continually updated, each best practice contains relevant contact information and details that allow the effort to be duplicated or modified to meet the local section environment.

The team has come up with the following 13 best practices on section activities:

- Industry Breakfast Program
- Section Marketing
- Section Structure
- The Middle School Strawbridge Challenge
- Citrus Conference
- Engineer of the Year Award & Engineer's Night Dinner
- Professional Development
- Professional Development Courses
- Students Meet Industry Day
- Early Career Forum
- Town Hall Meetings
- Industry Advisory Council
- Student-In-Industry Day

These best practices can be found within the Leadership /Volunteer Resources section of the web under the section called, "Best Practices".

<http://www.asme.org/Governance/Volunteer/Practices/>

PROGRAM FUNDING OPTIONS AND OTHER INFORMATION AVAILABLE ON THE VOLT ACADEMY'S LEADERSHIP RESOURCES WEB PAGE

Check out the Leadership Resources web page on the Volunteer Orientation & Leadership Training (VOLT) Academy web site for a wide array of information about ASME - from history to diversity; guidance on where to go for what; and links to useful ASME websites. Recent postings to the web page include an "ASME Finances" document, with a discussion of program funding options, along with details of ASME's funding sources, our new financial model, and the roles of volunteer leaders in the financial planning process. More extensive information on [Program Funding Options](#) is available on the Program Funding Options web site: http://www.asme.org/Governance/Volunteer/VOLTAcademy/Leadership_Resources.cfm

VOLUNTEER CENTER

The Volunteer Center (<http://www.asme.org/Governance/Volunteer/>) is a one-stop resource that provides direct links to many other program and informational pages that can assist you in the performance of your volunteer responsibilities. For example you can access:

- The Local Leadership Toolbox
- Program Funding Options
- Guidelines for Creating a Section Website on ASME.org
- ASME Section Newsletter Templates
- VOLT Academy Leadership Resources
- Volunteer Expense Forms
- Section Best Practices

Check out the center now. Please let us know suggestions for any additional resources you would like to see added.

FOCUS ON ETHICS IN THE 21ST CENTURY

An Opportunity for ASME Members

The ASME Council originally adopted the ASME Code of Ethics of Engineers in December 1913. The current format, Policy 15.7, was adopted in 1976 and has been revised and expanded as necessary to keep up with changes faced by engineers in our society. This code is emphasized through various activities such as our online "ASME Ethics Center," the self-study module on engineering ethics (available through the online Professional Practice Curriculum), our ASME liaison with the National Institute for Engineering Ethics (NIEE), our instructor-led seminars at ASME Section meetings and conferences, and the Community of Practice website on "Ethics & Licensing."

The Code itself is maintained in the 21st Century by the Committee on Ethical Standards & Review (CESR). The members of this committee also support the investigative phase of the review of alleged ethics violations. They receive training on the ASME policies for review of Ethical Conduct Violations (Policy 15.4) and Conflicts of Interest (Policy 15.8), as well as the Policy on Sexual Harassment (Policy 15.9). CESR members participate in workshops, seminars, and meetings at the International Mechanical Engineering Congress and Exposition (IMECE).

"The CESR serves under the direction of the Center for Professional Development, Practice and Ethics," explained Andrew Taylor, P.E., Chair of the CESR. "Our vision is to be recognized as one of the prime examples of proper and appropriate professional society ethics for the world. To fulfill this vision, we have assembled a group of members who have previously served as ASME vice president, on ASME boards, or on the ethics review boards of other associations. I am always looking for other ASME members who can contribute to the success of our ethics mission."

ASME is currently accepting nominations to fill a vacant position on the CESR. The requirements for membership include a minimum of ten years dedicated service to ASME including five years experience in activities beyond the local section, a commitment to upholding ethics in engineering practice, and licensure as a professional engineer. The term for this position begins in July 2007 and continues through the end of June 2011. Please forward nominations to David Soukup, P.E., Managing Director, ASME Centers at soukupd@asme.org or at 212-591-7397.

ECLIPSE KICKOFF A GREAT SUCCESS!

The initial meeting of ECLIPSE (Early Career Leadership Internship Program to Serve Engineering) was held at the 2006 Summer Annual Meeting, with ASME's top leadership attending and participating in discussions with current ECLIPSE and former LDI and MLP interns and mentors. The meeting was followed by a festive wine reception hosted by Mark and Catherine Lengsfeld.

We have created a booklet summarizing current contact information for all former interns, along with brief summaries of what they have been doing since their internship experience. The booklet will soon be posted in PDF form on the ECLIPSE web site and is a great way to reach out to an import group of ASME members. The LDI Village CoP is also being revamped for use by all interested in supporting the ECLIPSE program.

http://www.asme.org/Governance/Volunteer/VOLTAcademy/Early_Career_Leadership.cfm

NEW SECTION MERIT FUNDING PROGRAM

Section Activities Best Practices Collection

At the recently held Summer Annual Meeting, the Knowledge and Community Sector Board of Directors approved the Section Merit Funding Program as recommended by the Merit Funding Project Team. The Board of Governors has also approved funding for this program.

The Merit Funding Program replaces the section appropriation based upon the total number of section members. The intent of this is to tie unit funding to activities and programs that add value to the membership and award funding based on achieving a prescribed set of criteria.

This program will take effect for the FY07 program year, which started on July 1, and is based on unit activities during the FY06 program year (July 1, 05 to June 30, 06).

The form you need to file is now located on the Local Leadership Toolbox at <http://districts.asme.org/leadershiptoolbox/> under "Section Merit Funding Program Form."

In order to receive funding you must file the following forms:

- Unit Budget & Financial Reports (no later than Oct 1)
- After Activity Reports (no later than Oct 1)
- Merit Funding Form (no later than Oct 1)

All of the forms can be accessed on the Local Leadership Toolbox

<http://districts.asme.org/leadershiptoolbox/>

For further information or questions please contact Burt Dicht at dichtb@asme.org.

OFFICER CODING FOR 2006 - 2007

We're still in the process of collecting current officer information. Having a current listing of officers on record with ASME is critical for receiving important information related to ASME resources, programs and upcoming events. It also enables Society officers and all volunteer unit leaders to remain in contact for the purposes of fact finding and to discuss collaborative programs. Please take the time to notify ASME Unit Support with your officers for 2006 - 2007. Details for Student Sections, Sections and Divisions are listed below.

STUDENT SECTIONS

Your Student Officer listing can be submitted on line at: <https://secure.asme.org/stusecinfo/NewStuSecInfo.cfm>

To submit a hard copy of your officer listing, PDF copies of the form are available at our website: <http://districts.asme.org/leadershiptoolbox/#1> under Student Section Forms, along with an excel version of the file which can be emailed to unitsupport@asme.org or albertj@asme.org.

Please note that if you do not have member numbers you should still fill out the form and submit it to Unit Support.

SECTIONS

Section chairs have the option of directly entering officers online using the access to the online roster. If you have any questions on how to do this contact Jessica Albert at albertj@asme.org.

You can also submit a hardcopy of your officer listing. The forms are available on the Local Leadership Toolbox at: <http://districts.asme.org/leadershiptoolbox/> under "**Section Officers & Committees Information Form**"

TECHNICAL DIVISIONS

Please submit a listing of next year's officers in an e-mail message. Include the full name and position for each officer.

For Divisions in the Energy Resources, Energy Conversion, Environment and Transportation, Basic Engineering, Engineering and Technology Management and Pressure Technology Groups send your officer listings to:

Jacinta McComie at Mccomiej@asme.org

For Divisions in the Manufacturing and Systems and Design Groups send your officer listings to:

Lashion Pettiford at Pettifordl@asme.org

LEADERSHIP TRAINING CONFERENCE - MARK THE DATES

The Leadership Training Conference (LTC) has been scheduled for March 2 to 4, 2007 at the Wyndham Greenspoint Hotel in Houston, Texas.

The primary purpose of the LTC was to provide unit leaders with a comprehensive view of the Society's organization, activities and resources to help them succeed in leading their ASME units. One volunteer from each section and division will be funded to attend the LTC. Please put this on your long-range calendar. Your section will be notified this fall with more details. To find out more information about the LTC 06 go to:

<http://www.asmeconferences.org/ltc06/index.cfm>

CONTACT INFORMATION

Knowledge and Community Board of Directors

Wade Troxell, Senior Vice President

troxellw@asme.org

Burt Dicht, Managing Director

dichtb@asme.org

The Knowledge and Community homepage is located at:

<http://www.asme.org/Governance/KnowledgeCommunity>

S. Dyer Harris, Vice President, Affinity Communities

sdharris@dca.net

Doug Brown, Vice President, Global Communities

brownd919@asme.org

Dan Segalman, Vice President-Elect, Technical Communities

segalmand@asme.org

Richard Jacobsen, Vice President, Financial Operations

rtj@if.uidaho.edu

John Wesner, Vice President-Elect, Programs & Activities

wesnerj@asme.org

jwesner@andrew.cmu.edu

Tim Hinerman, Acting Chair, Information and Communication

hinermant2@asme.org

Hank Cook, Chair, Representation and Governance

hcook@technologydevcorp.com

District Leaders

District A

Karen Ohland, District Leader

ohlandk@asme.org

<http://districts.asme.org/DistrictA/index.htm>

District B

Leonard Anderson, District Leader

andersonL@asme.org

<http://districts.asme.org/DistrictB/index.htm>

District C

Kambiz Farhang, District Leader

farhangk@asme.org

<http://districts.asme.org/DistrictC/index.htm>

District D

Bill Robbins, District Leader

robbinsw1@asme.org

<http://districts.asme.org/DistrictD/index.htm>

District E

John Hawkins, District Leader

jhawkins@gtexhaustsystems.com

<http://districts.asme.org/DistrictE/index.htm>

District F

Richard Bunce, District Leader

buncer@asme.org

<http://districts.asme.org/DistrictF/index.htm>

District G

Kok-Chuan Toh, District Leader

mkctoh@ntu.edu.sg

mkctoh@msn.com

<http://districts.asme.org/DistrictG/index.htm>

District H

Flavio Franco, District Leader

flavio.franco@power.alstom.com

<http://districts.asme.org/DistrictH/index.htm>

District I

Carlos Lasarte, District Leader

lasartec1@asme.org

<http://districts.asme.org/DistrictI/index.htm>

District J

Hasan Sabri, District Leader

hasan.sabri@aramco.com

<http://districts.asme.org/DistrictJ/index.htm>

TECHNICAL GROUP LEADERS

Basic Engineering Group

Richard O. Buckius, Group Leader

rbuckius@nsf.gov

<http://groups.asme.org/betg/>

Energy Conversion Group

Lawrence A. Kielasa, Group Leader

marianne25@comcast.net

<http://groups.asme.org/ecg/>

Energy Resources Group

Roy E. Hogan, Group Leader

rehogan@sandia.gov

<http://groups.asme.org/energyresources/>

Engineering and Technology Management Group

John Bozewicz, Group Leader

bozewiczj@asme.org

<http://groups.asme.org/etmg/>

Environmental and Transportation Group

Richard Marboe, Group Leader (Acting)

marboer2@asme.org

<http://groups.asme.org/etg/>

Manufacturing Group

Kamlakar P. Rajurkar, Group Leader

krajurkar1@unl.edu

<http://groups.asme.org/manufacturing/>

Pressure Technology Group

William J. Bees, Group Leader

beesw@asme.org

<http://groups.asme.org/pressuretechnology/>

Systems and Design Group

Ken Waldron, Group Leader

kwaldron@stanford.edu

<http://groups.asme.org/systemsdesign/>

Board on Research and Technology Development

Said Jahanmir, Chair

sjahanmir@mitiheart.com

<http://crted.asme.org/>

WHERE TO GET STAFF ASSISTANCE

If you need help with:

- Program planning and development
- Policy Issues
- Financial Issues

Contact:

Burt Dicht (Sections and Districts)

Tel: 212-591-7074, Email: dichtb@asme.org

John Bendo, Senior Manager

Energy Resources and Energy Conversion Groups

Tel: 212-591-7055, Email: Bendoj@asme.org

Elio Manes, Senior Manager

Environment and Transportation Group

Tel: 212-591-7797, Email: Manese@asme.org

Noha El-Ghobashy, Senior Manager

Manufacturing and Systems and Design Group

Tel: 212-591-7787, Email: Elghobashyn@asme.org

Richard Ulvila, Manager

Basic Engineering, Engineering and Technology Management and Pressure Technology Groups

Tel: 212-591-7863, Email: Ulvilar@asme.org

Michael Tinkleman, Director

Center for Research and Technology Development

Tel: 202-785-7394, Email: Tinklemanm@asme.org

Norma Johnston, Business Manager

Tel: 202-785-7395, Email: JohnstonN@asme.org

If you need help with:

- Section Appropriations (status and disbursements)
- Section Roster Access and Officer Coding
- Unit e-mail list-server
- Supplies

Contact Unit Support:

Jessica Albert

Tel: 212-591-7911, 212-591-7437

Email: albertj@asme.org, unitsupport@asme.org

Additional Unit Support Staff

Deidra Hackley (CoPs and other admin)

Tel: 212-591-7852, Email: hackleyd@asme.org

Jacinta McComie (Technical Divisions)

Tel: 212-591-7052, Email: Mccomiej@asme.org

Lashion Pettiford (Technical Divisions and other admin)

Tel: 212-591-7387, Email: Pettifordl@asme.org

Charlene Trotman (Student Sections and training)

Tel: 212-591-7006, Email: trotmanc@asme.org

If you need help with:

- Membership Information/Renewal
- Address/Contact Information Changes
- Product Ordering Information
- Conference/Event Information and Registration

Contact Information Central at:

800-843-2763 (800-The-ASME)

001-800-843-2763 (Mexico)

973-882-1170 (outside North America)

Fax: 973-882-1717, Email: infocentral@asme.org

IDETC 2006 Status Report

July 30, 2006

Organization

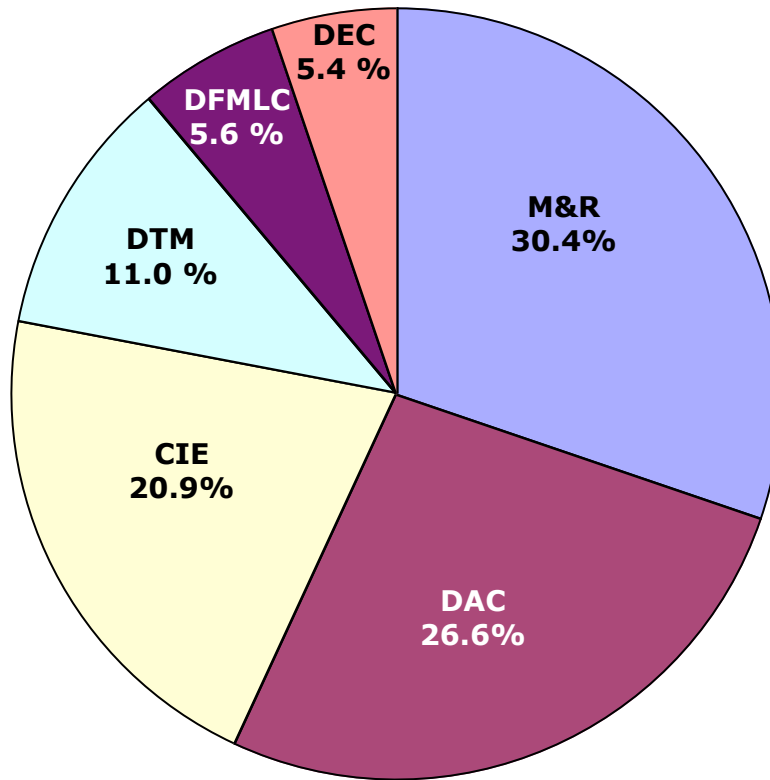
The conference organization committee consists of:

Jeffrey Ge, Program Chair
Venkat Krovi, Publicity Chair
Michael Wang, Workshop Chair
Mary Frecker, Tutorials Chair
Gloria Wiens, Industry Track Chair
Pierre Larochelle, Student Affairs Chair
G. K. Ananthasuresh, International Participation Chair
Andrew Murray, Exhibits Chair
James Schmiedler, Special Events Chair
Noha El-Ghobashy, Programs and Events
Erin Dolan, Registration and Meeting Logistics

Conference

The ASME conference site is: <http://www.asmeconferences.org/IDETC06/>. It points to all information to this point with an advanced copy of the program for the conference available at http://www.grasp.upenn.edu/~kumar/idetc_cie/program.pdf. The acceptance rate for the conference is 76.4%. The data on the number of papers and the distribution of papers across conferences is summarized in the table and chart below.

Conference/ Symposium	No. of Papers Submitted	No. of Papers Accepted	Acceptance Rate
MR	153	135	88.2%
DAC	159	118	74.2%
CIE	122	93	76.2%
DTM	87	49	56.3%
DFMLC	33	25	75.8%
DEC	27	24	88.9%
Total	581	444	76.4%



The conference has many firsts, some of which are listed below:

- 1) For the first time, no deadline extensions were granted. All conference chairs agreed on a deadline and the FTP site was shut down as scheduled.
- 2) The Conference features a social event on all three evenings: a networking event on Sunday, the Conference reception on Monday, and the JMD reception on Tuesday.
- 3) The Organizing Committee prepared the program for the conference to save publishing costs.
- 4) The Committee solicited contributed research demonstrations from each conference to improve the visibility of our technical activities.
- 5) There are many industry panel sessions that highlight the increased industrial participation at this conference.
- 6) The International Design and Design Education (DEC) Symposium is being highlighted as a IDETC conference.

Tutorials and Workshops: Mary Frecker and Michael Wang

Tutorials and workshops were formally solicited with the help of the conference chairs and formally reviewed by a subcommittee. Mary and Michael were proactive in soliciting proposals and actively involved in reviewing them. While these are not part of the proceedings, they will be an important part of the conference program. Accordingly there are no free workshops and tutorials this year.

Special Events: Pierre Larochelle, Drew Murray and Jim Schmierler

The conference includes a networking event for students on Sunday (Sept 10) and several contributed research demonstrations and exhibits during the conference, in addition to sponsors' exhibits. The M&R Design Competition is being moved to a position of prominence by showcasing it along with other demonstrations and exhibits.

Budget

We were very aggressive with cost-cutting keeping regular registration to be very close of the 2005 numbers and well below numbers of comparable IEEE Conferences, while reducing student registration costs (\$50 for conference registration and \$20 for workshops and tutorials).

At the same time, we resisted the pressure from ASME of building a 15% profit into the budget. It is because of this requirement, it seems that we were not be able to lower registration fees from the 2005 levels. This is a pity because we felt that the 2005 registration fees were very high. The final budget projects a surplus of 7.4%.

Program: Jeffrey Ge and Venkat Krovi

The conference program has the following structure.

September 10, Sunday	8:30-4:30	Workshops and Tutorials
	5:30-7:30	Student networking event on Drexel Campus, all participants are invited
September 11, Monday	8:30-9:30	Plenary
	9:45-12:15	Papers
	12:15-2:00	Conference Luncheon (CIE)
	2:10-5:30	Papers
	6:30-8:30	Conference reception at the University of Pennsylvania Museum of Archeology and Anthropology, Chinese Gallery
September 12, Tuesday	9:45-12:15	Papers
	12:15-2:00	Conference Luncheons (MR, DAC/DTM/DEC/DFMLC)
	2:10-5:30	Papers
	6:00-8:00	JMD Reception
September 13, Wednesday	8:30-12:00	Papers
	2:00-5:30	Papers

Industrial Participation: Gloria Wiens and Drew Murray

We have planned several invited sessions engaging researchers from industry. These special sessions are panels which will bring experts from industry, academia and government to address problems and challenges facing the community. We are also proactively soliciting exhibits from industry to maximize participation.

International Affairs: G. K. Ananthasuresh

We were proactive in publicizing the conference and have arranged a session engaging researchers from different countries focusing on M & R research around the world. We have tried to address the problem with no-shows by foreign participants. Some international authors end up not coming and their papers are not presented. This causes unplanned breaks interrupting the flow of the sessions. We are identifying these potential no-shows up front and scheduling their papers at the end of the sessions and on the last day.

IDETC/CIE 2006 Organizing Committee

Vijay Kumar, Conference Chair

Jeffrey Ge, Program Chair

Venkat Krovi, Publicity Chair

Michael Wang, Workshop Chair

Mary Frecker, Tutorials Chair

Gloria Wiens, Industry Track Chair

Pierre Larochelle, Student Affairs Chair

G. K. Ananthasuresh, International Participation Chair

Andrew Murray, Exhibits Chair

James Schmiedler, Special Events Chair



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

August 23, 2006

2-007 IDETC PROGRESS REPORT

**General Chair: H.S. Tzou, University of Kentucky
(859)257-6336x80643; email: hstzou@engr.uky.edu
Technical Program Chair: Nader Jalili, Clemson University
Email: jalili@clemson.edu**

SUMMARY OF 2007 IDETC EXECUTION ACTIVITIES

Here is a summary of current activities executed or planned for the 2007 IDETC.

1. Initial Call for Symposia has been set up in the 1st quarter of 2006 by Prof. Jalili – the Program Chair. There are twenty-two symposia proposed, which are further grouped into eight tracks. (See **Appendix A** for details.)
2. Set up and update Website: www.engr.uky.edu/idetc07.
3. Site visit to Rio Hotel on March 23-24th. Facilities are great and rooms are gorgeous. (See **Appendix B**.)
4. Start soliciting tutorials and/or workshops
5. Just receive IDETC Toolbox from ASME, with a fee, of course.
6. Gorgeous IDETC07 poster available, upon request.

Again, thank you for your support.

APPENDIX A: PRELIMINARY PROGRAM



TECHNICAL PROGRAM

ASME 21st Biennial Conference on Mechanical Vibration and Noise

**2007 ASME International Design Engineering Technical Conference (IDETC)
September 4-7, 2007, Rio All-Suite Hotel & Casino, Las Vegas, Nevada, USA**

Sponsored by: Design Engineering and Dynamic Systems & Control Divisions

2007 IDETC Program Chair:

Prof. Nader Jalili,
Department of Mechanical Engineering
Clemson University, Clemson, SC 29634-0921
Phone: (864) 656-5642
Fax: (864) 656-4435
E-mail: jalili@clemson.edu

Technical Research Tracks: (8 Tracks, 22 Symposia)

Track 1: Vibration and Noise Control

1-a: Active, Passive and Hybrid Vibration and Noise Control - Organizers: K.W. Wang and W.W. Clark, USA

1-b: Vibration and Control of Continuous Systems - Organizers: R. Parker and C. Rahn, USA

1-c: Nonlinear Phenomena in Wave Propagation and Acoustics - Organizers: L. Dai, CANADA and R.N. Jazar, USA

1-d: Dynamics of Band-gap Materials and Structures - Organizers: M.I. Hussein, UK and M. Ruzzene, USA

Track 2: Nonlinear Dynamics and Vibration

2-a: Nonlinear Dynamics, Optimization and Reliability of Mechanical Systems - Organizers: S. Natsiavas and C. Papadimitriou, GREECE

2-b: Experimental Nonlinear Dynamics - Organizers: B. Mann, USA, W. Lacarbonara, ITALY, and H. Yabuno, JAPAN

2-c: Nonlinear Dynamic Characterization and System Identification - Organizers: B. Feeny, USA and G. Kerschen, BELGIUM

2-d: Nonlinear System Identification and Reduced Order Modeling - Organizers: D. Quinn, L. Bergman, USA and A. Vakakis, GREECE

2-e: Coupling Experimental-based and Analytical Linear/Nonlinear Dynamic Models - Organizers: G. Catania, L. Garibaldi and M. Amabili, ITALY

Track 3: Advanced Vehicle Systems

3-a: Advanced Vehicle Technologies - Organizer: M. El-Gindy, USA

3-b: Engine and Powertrain Dynamics - Organizers: H. Rahnejat and S. Theodossiades, UK

Track 4: Smart and Intelligent Systems Vibration, Dynamics and System Identification

4-a: Nonlinear Modeling and Control of Smart Material Systems - Organizers: M. Elahinia and A. Jayatissa, USA

4-b: Model Identification and Intelligent Systems - Organizers: M.P. Schoen and D.E. Adams, USA

4-c: Damage Detection, Model Updating and System Identification of Mechanical Systems Organizers: J. Tang and W. Zhu, USA

4-d: Engineering Asset Management - Organizer: S.J. Wilcox, UK

Track 5: Biological System Dynamics, Vibration and Acoustics

5-a: Applications of Vibration and Acoustics in Biomedical Engineering - Organizers: M. Fatemi, USA and A. Al-Jumaily, NEW ZEALAND

5-b: Linear and Nonlinear Bio-Dynamics - Organizers: D.I. Caruntu and B.I. Epureanu, USA

Track 6: Rotor Dynamics and Control

6-a: Modeling, Vibration and Control of Rotor Systems - Organizers: Y. Ishida, JAPAN, G.T. Flowers, USA and P. Pennacchi, ITALY

6-b: Rotor Dynamics - Organizers: C.N. Nataraj and S.P. Harsha, USA

Track 7: Time-Delayed Systems

7-a: Dynamics and Control of Time-Delayed Systems - Organizers: T. Kalmar-Nagy and D.E. Gilsinn, USA

7-b: Time Delay in Complex Networks, Stability and Stabilization - Organizers: R. Sipahi and S.I. Niculescu, FRANCE, J. Chen and K. Gu, USA

Track 8: Microelectromechanical Systems and Nanoelectromechanical Systems

8-a: Modeling, Analysis and Characterization of the Dynamics of MEMS and NEMS - Organizer: M. Younis, USA

APPENDIX B: FACILITIES AT RIO HOTEL



1) Strip view from the Rio rooftop lounge. (Left vertical photo)

2) Conference room



3) Luncheon room



4) Exhibit area



5) Suite (Huge room:)



5) Free “family-friendly” shows



REPORT OF 2008 IDETC/CIE

J. Rastegar and S. Manoochchri

(August 18, 2006)

Following over two years of efforts by the ASME staff and the conference organizers, the conference site for the 2008 IDETC/CIE appears to have been finalized. The conference is planned to be held August 3-6, 2008 (Sunday, August 3 through Wednesday, August 6), in New York City. The conference location is Marriott at the Brooklyn Bridge, with a very reasonable sleeping room rate of \$189 (considering the location and the time of the year, i.e., tourist season of August).

The Marriott at the Brooklyn Bridge is located just steps from the famous landmark. There are walking paths that will take you from one side of the bridge to the other into Manhattan, near Canal Street and City Hall. There are also two subway stations by the hotel that provide easy access to all parts of the New York City. DETC would be the only group in house throughout the conference dates, therefore service from the hotel staff will be clearly targeted towards our group (rather than spreading it out amongst multiple groups). Furthermore, all of the meeting space is located on one floor, which will allow for a smooth transition from room to room. Finally, there is no meeting space rental and the F&B minimum is attainable while still allowing us the option of holding the conference reception at an offsite venue.

We are lucky to have the option of hosting our conference in 1 of 2 very famous national landmarks: Times Square or the Brooklyn Bridge. Both are known throughout the world and would be enticing to most anyone.

It appears that we may also be able to provide more affordable housing for student attendees through the dormitories of a nearby university (a few blocks from the conference site).

We would like to acknowledge the efforts of our Meeting Manager, Erin Dolan, who was a pleasure to work with.

IDETC 2009 Status Report
August 15, 2006

The planning and organization of the IDETC 2009 in San Diego is on track given ASME conference planning and organization norms. Specifically, the ASME now feels it is best (i.e. the ASME more successfully secures the best financial deals) to enter negotiation with hotels and other conference facilities ~ two years prior to the event. In September 2005 Kim Punter (then Meeting Manager for the ASME) began negotiations with the Sheraton San Diego. However, when Ms. Punter left the ASME it was judged best by the ASME (Erin Dolan and Phyllis Klasky) to cancel the space being held at the Sheraton San Diego.

1. **Conference Hotel:**

ASME does not intend to begin in negotiations with the possible conference hotels (Sheraton San Diego Hotel and Marina, still target hotel, the Hilton San Diego (currently under construction) is also being considered) until early 2007.

2. **Reception Location:**

The reception location and date cannot be selected until after the conference hotel and dates have been finalized. Being that as it may, the target reception is to be held aboard the USS Midway (Aircraft carrier museum. Located at 901 N. Harbor, San Diego). This aircraft carrier was served from 1945 through 1991 and now functions as a museum. The Midway can handle receptions of up to 4000 individuals, and is available for social events such as the IDETC 2007 reception between 6:30PM-12:00AM.

The Midway is located only 3.4 miles from the current target hotel (Sheraton San Diego Hotel and Marina), so it should be possible to work out reasonable transportation.

The Midway Museum recommends making reservations for large events a year+ in advance.

3. **Conference Webpage:**

An IDETC 2009 webpage will be established as soon as the ASME gives the go ahead. Significant interaction will need to take place with Erin Dolan, Phyllis Klasky, Noha El-Ghobashi, and others as appropriate to insure that the conference web-tool is up and ready sufficiently early (ideally 18 months in advance of conference).

4. **Call for Papers**

A draft IDETC 2009 *Call for Papers* has been generated (based on 2007 *Call for Papers*) and can begin distributions as soon as the ASME indicates is appropriate (after Hotel and dates have been finalized).

Report Prepared by
Kurt Anderson, PhD - ASME Fellow
Rensselaer Polytechnic Institute
and
George Flowers, PhD
Auburn University



Prof. Pierre Larochelle, P.E.
Florida Institute of Technology
Robotics & Spatial Systems Lab.
Mechanical & Aerospace Eng. Dept.
150 West University Blvd.
Melbourne, FL 32901
(321) 674 – 7274
<http://my.fit.edu/~pierrel/>
pierrel@fit.edu

August 1, 2006

Prof. Kazem Kazerounian, DETC Executive
ASME Design Engineering Division
University of Connecticut
Storrs, CT

Dear Prof. Kazerounian,

The purpose of this letter is to inform you and the DED Executive Committee that we intend to prepare a full proposal to co-host the 2010 ASME International DETC & CIE Conferences.

I have recruited Prof. Andrew Murray of the University of Dayton to Co-Chair the conference with me.

Currently, we have 3 locations that we are considering. In order of preference they are: Montréal, Saint Louis, and San Diego. We are not considering a Florida location due to September being the height of the local hurricane season. We are aware that the conference was held in Orlando in ~1986. However, we do not wish to chance scheduling the conference here in this period of active hurricane seasons.

Montréal: This beautiful city is our first choice. The 2002 conference held there was a tremendous success. The city is very easy to fly to for all North Americans. The downtown is filled with restaurants, pubs, museums, etc. and is very safe. McGill, ETS, and the University of Montréal are strong local Universities that are active conference participants that we would approach to coordinate receptions, tours etc. We would consider the Delta and other major downtown hotels.

Saint Louis: Saint Louis is a very friendly city for a meeting of our size. The location is perfect- central US and is easily accessible via non-stops flights to most major US cities. We believe the conference has never been held in Saint Louis. Saint Louis has revitalized its downtown area with new shopping centers, restaurants, pubs, sidewalk cafés, coffee houses, etc. We would consider the Adam's Mark (central downtown with terrific views of the Arch) and other major downtown hotels.

San Diego: San Diego is a world-class tourist destination which should have appeal to our international attendees. Weather is almost guaranteed to be very good. San Diego has a world famous zoo, beautiful beaches, and a fun mixture of western and Mexican cultures. Of our 3 desired locations we expect costs to be highest here. We would seek out major hotels near the gas lamp district in downtown or the traditional historic mission area of Old Town.

With positive feedback from the DED our plan is to continue preparations, select a host city, identify appropriate hotels & conference centers, and prepare a full proposal for the DED Executive Committee by the end of December 2006.

Sincerely,

Pierre Larochelle, Ph.D., P.E.
Associate Professor
Florida Institute of Technology

Andrew Murray, Ph.D.
Associate Professor
University of Dayton

Technical Committees & IMECE Report

TECHNICAL COMMITTEES

Reports:

Eleven committee chairs (out of 12) provided written report.

(a) Design Automation Committee	W. Chen	(written report)
(b) Design Education	P. Doepker	(written report)
(c) Design for Manufacturing Committee	S.K. Gupta	(written report)
(d) Design Theory and Methodology	J. Allen	(written report)
(e) Fastening and Joining	P. Raju Mantena	(no report)
(f) Mechanisms and Robotics	S. Agrawal	(written report)
(g) Micro and Nano Systems	L. Saggere	(written report)
(h) Multibody Systems and Nonlinear Dynamics	S. Sinha	(written report)
(i) Power Transmission and Gearing	A. Kahraman	(written report)
(j) Reliability, Stress Analysis, and Failure Prevention	E. Sancaktar	(written report)
(k) Vehicle Design	M. El-Gindy	(written report)
(l) Vibration and Sound	G. Flowers	(written report)

Issues & Action Items:

1. Approval of the By-Laws of DAC
2. DEC is participating at the IDETC 2006
3. Vehicle Dynamics moving to IDETC's

IMECE

1. IMECE Revenue distribution will be 40% to ASME and 60% to divisions based on session attendance. Sessions with less than 10 attendees will not be considered in the revenue calculations.
2. In the 2006 IMECE to be held in Chicago, the following DED sponsored sessions are organized:

			2006 Initial Allocation	2006 Request	2005
DFM	Marcos Esterman	mxeeie@rit.edu	4	4	4
F&J	P. Raju Mantena	meprm@olemiss.edu	2	3	3
RSAFP	Erol Sancaktar	erol@uakron.edu	6	7	7
VDC	Moustafa El-Gindy	mx15@psu.edu	12	7	6
TCVS	Brian Feeny	feeny@egr.msu.edu	6	12	14
MNS	Laxman Saggere	saggere@uic.edu	2	2	
			32	35	34

Prepared by

Ahmed Shabana

ASME Design Automation Committee Bylaws

ASME

DESIGN ENGINEERING DIVISION

DESIGN AUTOMATION COMMITTEE

OPERATING MANUAL

Proposed revisions 10/04

INTRODUCTION

The Design Automation Committee of ASME has one primary function, and that is to promote research and the dissemination of knowledge in the areas identified as dealing with Design Automation. They include topics in the broad areas listed below and other areas identified through new research.

- **Design Representation**

- CAD, virtual and physical prototyping, knowledge based systems, product data management

- **Design Optimization**

- Structural, topological, multi-disciplinary, heuristic and deterministic, under uncertainty

- **Design Evaluation**

- Modeling, simulation, approximation

- **Design Integration**

- Integration, decomposition, collaboration

1. **Committee Structure.** The Design Automation Committee is composed of persons actively publishing and conducting research in Design Automation. See Section 15 of this document for information about membership on the Committee. The Committee is governed by the Design Automation Executive Subcommittee, composed of the Chair, the Vice Chair and two members. Each member of this subcommittee sits for a 4 year term, and serves in each position for a 1 year period. The immediate past Chair of the Committee is an ex-officio member of the Executive Subcommittee for a period of one year. The immediate past Chair does not vote on Executive Subcommittee business except when necessary to break a tie. An Industrial Advisor also participates in the meetings of the Design Automation Executive Subcommittee. The duties of this position consist in strengthening industrial participation to solve more industry related problems, and envisioning future R&D needs
2. **Committee Meetings.** The Design Automation Committee meets every fall at the annual Design Automation Conference.
3. **Nomination and Election to Executive Subcommittee.** Prior to the annual meeting, candidates are nominated for election to the Executive Subcommittee. Any member of the Design Automation Committee may nominate a candidate. Nominations are to be made to the Committee Chair. Candidates are elected to the Executive Subcommittee by a majority vote of the current members of the Executive Subcommittee. The term of service begins after the annual meeting.
4. **Prior to the annual meeting, candidates are nominated for election to the position of Industrial advisor.** Any member of the Design Automation Committee may nominate a candidate. Nominations are to be made to the Committee Chair. Candidates are elected to the Executive Subcommittee by a majority vote of the current members of the Executive Subcommittee. The term of service begins after the annual meeting. The Industrial Advisor will have voting privileges and serve one two year term. The Industrial advisor cannot be elected member of the executive committee while serving.
5. **Service in Office.** Each member of the Executive Subcommittee serves for one year in each of the Committee offices, in the following order: Special Sessions Chair, Program Chair, Conference Chair (Committee Vice-Chair), and Committee Chair.
6. **Conference Chair.** The Conference Chair is responsible for the organization of the annual conference. The conference organization involves the following tasks.

- i. Promotion of the conference through the appropriate media. This includes the preparation and distribution of conference notices, calls for papers, conference programs, etc. Appropriate media include ASME Transactions Journals, Mechanical Engineering, Design Division Newsletter, and other publications that are of interest to the research community in Design Automation.
- ii. Development of invited sessions on topics of current or future interest. The Conference Chair may wish to appoint qualified individuals to arrange such sessions from time to time.
- iii. Selection of papers for presentation at the annual conference. All papers submitted for presentation at the annual conference will be subjected to peer review. This review process is separate from the review process for work submitted to the ASME Transactions Journal. Papers accepted for presentation at the annual conference must be technically correct, must be relevant to the themes of the conference, must be of current or archival interest, must not in any way have a commercial purpose, and must be written in a style appropriate for publication by ASME. Papers accepted for presentation at the annual conference will be published by ASME.
- iv. Arrangement for social functions at the annual conference. Each year there will be a conference luncheon. Other social functions may be held from time to time when appropriate.
- v. Interaction with the ASME Meetings Manager at ASME headquarters in New York City.
- vi. Interaction with other committees who are actively planning annual conferences. Every effort should be made to cooperate with other groups in ASME who share common interests. At the time of this writing, the annual conference in odd numbered years is held in conjunction with the Biennial Vibrations Conference, the annual conference in even numbered years is held in conjunction with the Biennial Mechanisms Conference.

7. Program Chair. The Program Chair has the following responsibilities.

- i. Acts as the liaison between the Committee and the Journal.
- ii. Maintains a data-base of reviewers which is to include persons who are known to be actively involved in research and/or scholarly activities in Design Automation. This database would normally be updated frequently during the Papers Review Chair's term in office.
- iii. Serves as coordinator for the peer review of all papers that are to be considered for publication in the conference proceedings.

8. Special Sessions Chair. The Special Sessions chair will assist the Program Chair and Conference Chair in organizing special sessions. He/She will also coordinate with the International Paper Liaisons and the Industrial Advisor to broaden the reach of the DAC community and to widen the scope of the featured sessions

9. International Conference Liaisons. International Conference Liaisons, typically representing the Pacific Rim and Europe will coordinate the paper solicitation, submittal and review with authors in their respective regions of the world. They are selected by the Conference Chair with the consent of the Executive Sub-committee. They will work with the Special Sessions Chair to coordinate their activities with the Conference organizers.

10. Committee Vice Chair. The Committee Vice Chair who is also the Conference Chair will normally assist the Committee Chair in directing the activities of the Committee. The Committee Vice Chair will maintain the Design Automation Committee mailing list in cooperation with the ASME Meetings Manager. The Vice Chair will also keep the minutes at the annual meeting. The minutes will be sent to all members of the Committee within 90 days of the annual meeting.

11. Committee Chair. The Chair of the Committee will preside over meetings of the Committee and meetings of the Executive Subcommittees. The Chair will be the Committee's representative to other governing bodies in ASME (such as the Design Division General Committee). The Chair will inform the Design Division whenever there is an impending change of officers (typically during September of each year). The Chair will recommend the Papers Review Chair to serve as Associate Editor for Design Automation for the Transactions Journal. The Recommendation is made to the Technical Editor of the Journal.

12. Immediate Past Chair. The Immediate Past Chair will serve as an ex-officio member of the Executive Subcommittee. The Immediate Past Chair will only vote on Executive Subcommittee business when there is a tie vote.

13. Executive Subcommittee Business. The Executive Subcommittee has two primary functions. The first function is to establish the agenda for the annual committee meeting at the fall conference. The second function is to elect a new member and an Industrial Advisor from the lists of nominees. (See 3. and 4. above).

- i. Agenda for the Executive Subcommittee. The agenda for the Executive Subcommittee will be set by the Chair after consultation with all of the other members of the Executive Subcommittee. The agenda should be established and circulated to all of the Executive Subcommittee members at least two weeks before the annual Design Automation Conference.

- ii. Meetings of the Executive Subcommittee. The Executive Subcommittee will meet as soon as possible during the annual Design Automation Conference. The Chair and two of the other voting members shall constitute a quorum. Every effort will be made to assure the participation of all members of the Executive Subcommittee in all Executive Subcommittee business. At its annual meeting, the Executive Subcommittee will set the agenda for the annual Design Automation Committee Meeting by majority vote. The Executive Subcommittee will also elect one new member and an industrial advisor as outlined above in 3. and 4.

14. Design Automation Committee Business. The Design Automation Committee has one primary function, and that is to promote research and the dissemination of knowledge in the areas identified as dealing with Design Automation. The Committee carries out this function by conducting an annual meeting on Design Automation.

- i. The Committee will meet on the second or third night of the annual conference. The date and location will be set by the Chair of the Committee in consultation with the ASME Meetings Manager. This information will be published in the Conference Program that is prepared by the ASME Meetings Manager.

- ii. Any issues to be decided will be done so by a majority vote of those present at the committee meeting.

- iii. At the annual committee meeting the agenda established by the Executive Subcommittee will be deliberated on.

- iv. On issues requiring a vote, the Chair will only cast a vote to break a tie.

- v. At the annual committee meeting, each subcommittee will present a report of its activities.

15. Membership on the Design Automation Committee. The Design Automation Committee is composed of persons who are interested in Design Automation. Membership on the committee is attained by active participation at the conference and at the committee meeting. By default, those who actively participate become members of the committee.

16. Areas of Design Automation Research. The Committee wishes to promote theoretical and experimental research and industrial applications in the broad areas given below and other areas identified by new research:

- Design Representation

- CAD, virtual and physical prototyping, knowledge based systems, product data management

- Design Optimization

- Structural, topological, multi-disciplinary, heuristic and deterministic, under uncertainty

- Design Evaluation

- Modeling, simulation, approximation

- Design Integration

- Integration, decomposition, collaboration

17. Technical Subcommittees and Their Business. The Design Automation Committee Chair will appoint appropriate technical subcommittees. The purpose for such subcommittees will be to expedite the dissemination of knowledge in that subcommittee's technical field. The Conference Chair will utilize the talents of the technical subcommittees in conducting the peer review process for the annual Design Automation Conference. Each Technical Subcommittee may recommend one paper to the Honors and Awards Subcommittee for consideration as the annual "Best Paper in Design Automation" award. See Section 20 below for additional information about this award.

18. Peer Review of Conference Presentations. Papers are submitted to the Program Chair for Review. The Conference assisted by the Program Chair will organize the papers into tentative sessions by topic. Papers that are to be considered for a particular session may be forwarded to a Technical Subcommittee Chair that is closely identified with the session topic. The Technical Subcommittee Chair will actually arrange for reviews of the papers. The Technical Subcommittee Chair will report

back to the Conference Chair and/or Program Chair in a timely fashion. Each paper submitted for presentation will be reviewed by at least three qualified referees. Any paper that is presented and published at the conference must have received at least two favorable reviews. The peer review process will have four possible outcomes at this level.

- i. The paper may be rejected as unsuitable for presentation at the annual conference.
- ii. The paper may be accepted for presentation at the annual conference after some revisions have been made.
- iii. The paper may be accepted for presentation at the annual conference without any revisions.
- iv. The paper may be accepted for presentation at the annual conference (with or without revisions) and further recommended for journal review by the Papers Review Chair for possible publication in the ASME Transactions Journal. Standard ASME Conference/Journal review forms will be used for the conference review.

19. Schedule of Review Activities. It is important that the review process be conducted in a timely fashion. Accordingly, the following schedule is recommended.

- i. Papers should be submitted to the Program Chair for distribution to the Technical Subcommittee Chair and other referees before the deadline set by the conference chairs in the conference announcement.
- ii. Referees and subcommittee Chairs should inform the Program Chair of their recommendations by the deadline set by the Program Chair in coordination with the other conference chairs and ASME.
- iii. The Program Chair should make final decisions and report to each communicating author by the date published in the conference announcement.
- iv. The communicating authors must return the author prepared final drafts incorporating any required revisions to ASME by the date specified in the conference announcement.
- v. The Program Chair should send any manuscripts that are to be reviewed for inclusion in the ASME Transactions Journal to the Journal Technical Editor.
- vi. The Conference Chair must have the complete program ready for submission to the ASME Meetings Manager by the deadline set by ASME.

20. Honors and Awards. The Chair shall appoint members to serve on the Honors and Awards Subcommittee. The membership of this subcommittee shall include the Immediate Past Chair, the Vice Chair, and one or more other members of the Committee. The Design Automation Committee makes two regular awards after positive recommendation by the Honors and Awards Subcommittee. The two awards, their purpose and their frequency are:

- i. "Best Paper in Design Automation" award is given annually at the conference luncheon. The purpose of the award is to recognize excellence in a paper that is presented at that year's conference. Each Technical Subcommittee can forward one paper each year to the Honors and Awards Subcommittee for consideration as a possible recipient of this award. Nominations should be submitted 2 months before the conference starting date. Nominations must be communicated to the Chair of the Honors and Awards

Subcommittee by the Technical Subcommittee Chair. Any member of a Technical Subcommittee can suggest a possible nomination to the Chair of that Technical Subcommittee.

- ii. Design Automation Award is given from time to time, but never more than once each year, to recognize sustained meritorious contribution to research in Design Automation. This award will only be given after the recommendation of 75% of the members of the Honors and Awards Technical Subcommittee. Nominations for this award can be made by any member of ASME. The nomination package should include specific details of the nominee's contributions to the area of Design Automation, and a critical explanation of why these contributions are significant enough to warrant the award. A curriculum vitae should also be included for the nominee along with appropriate letters of recommendation from other researchers in the nominee's field.

21. Revision of This Operating Manual. This manual can be revised by a two thirds majority vote of the members of the Design Automation Committee. Suggested revisions should be forwarded to the Chair of the Committee. Once each year or whenever there are suggested revisions (whichever is less frequent), the Chair will forward all suggested revisions to all of the members of the Committee for their consideration. Suggested revisions will be discussed and voted on by the DAC participants who were present at the last annual meeting.

IMECE

Net Revenue Distribution

The process of Division revenue sharing was suggested by the then Production Engineering Division (now Manufacturing Division) and began in 1994. Objectives were:

1. Promote membership within ASME
2. Encourage wider technology transfer through increased attendance at the annual meeting.
3. Gain support in resolving the observed concerns with meeting registration.

For the future distribution of funds to be derived from the excess income over expenses, both direct and indirect, for both Conference and Exposition (to be benchmarked versus 2004 and 2005 distributions):

1. 40% will be returned to the ASME General Fund
2. 60% will be distributed to all Congress programming units based on a formula that rewards sponsoring units for technical session attendance (member and non-member), as follows:

$$\frac{\{\text{ave attendance of unit sessions} \times (\text{no of unit sessions} > 10 \text{ attendees})\}}{\{\text{ave attendance of all Congress sessions} \times \text{total Congress sessions}\}}$$

The programming unit is responsible for reporting its assessment of program performance and use or anticipated use of the funds to the Congress Technical Planning Committee (CTPC) by the end of March in the following year. Fund application to Congress Program reinvestment is suggested.

3. Funds not allocated in step 2 due to technical session attendance < 10 will be maintained in a custodial account for discretionary use by the CTPC.

The CTPC considers this proposal important in progress toward a shared Congress technical program ownership. The CTPC also recognizes that the revenue sharing formula will require ensuring accurately obtained and processed attendance data. Programming unit session allocations for the following year will be affected by the sessions with attendance < 10.

Note: In 1994, the Congress (then WAM) Committee budgeted for an excess income over expenses corresponding to a maximum of \$25 full member fee to serve as a base for the revenue sharing

Journal Relations Committee Report

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 will share best practices, decide appropriate metrics, and determine and implement strategies that will influence the journals' impact.

The committee will consider the following questions, and be prepared to discuss them in upcoming meetings:

- What are appropriate metrics to help us measure our progress? (Examples of possible metrics include Impact Factor, number of subscribers, indexing services in which the journals are indexed, etc.)
- What things are in our control that we can do to increase the impact of DED journals?
- What can we suggest that ASME do to help increase the impact of DED journals?

In relation to these broad questions, please also consider the following:

- What education can be provided to authors, associate editors, reviewers, etc., that would increase their awareness and enlist their help in increasing the journals' impact.
- What can you share with other committee members about what you have done that has been successful in increasing the impact of DED journals?
- Of all the things that might be done, which would have the greatest influence on increased impact? What strategies might be most efficient (i.e. have the greatest impact for the lowest resource input)?

Significant progress has been seen in some areas, as described in individual journal reports.

The questions considered by the previous committee are still relevant and are listed in the table below.

Evolution	Impact/Peers
<ul style="list-style-type: none"> • Does journal coverage evolve with new developments in the field? • Are multi- (and cross-) disciplinary topics covered? • Do the papers cover areas in the field in a balanced way? • How is the journal utilizing advanced and new technologies in enhancing handling of papers? • Is there any plan for special (or focused) issues on emerging topics? 	<ul style="list-style-type: none"> • Has some of the best research in the sub-fields covered by the journal in the last 5 years published in the journal? • How is the journal compared to other journals in the field? • What are the peer journals in the field? • What are the impact related numbers and how do they compare among the peer journals as well as all journals within Mechanical Engineering?
Review/Communication	Editorial/Nomination
<ul style="list-style-type: none"> • What is the time duration for review (both initial and follow-up rounds)? • What is the time duration for publication from acceptance? • What are the data on paper tracking, lost papers, and delayed reviews? • Are the page numbers allocated to the journal supported by the subscription numbers? • Are the journal's focus areas clearly communicated to the technical community? 	<ul style="list-style-type: none"> • What is the stature of the people on the editorial board of the journal? • Should the next TE nominated by the current TE (as in the past) or should the nomination be opened for others (e.g., TC's) to participate as well?

Election Procedures for the Incoming DED Executive (Draft)

1. Nominating Committee. A *Nominating Committee* will be named by the *Division Chair* by December. Its chair will be the *Immediate Past Division Chair*. It will have three other representative members: two from the *General Committee* and one from the *Advisory Committee*. (see *Bylaws Article I.2* and *Operating Procedures Article VII.1*)

2. Nominees. The *Nominating Committee* will develop a pool of nominees from prominent people with considerable prior experience with DED's activities (see *Constitution Article III.6*). Current officers of *Technical* or *Standing Committees*, or current *Technical Editors* of DED sponsored or cosponsored journals will not be eligible unless their terms end before the following July 1. Nominees must commit to a service obligation of six years.

3. Nominee profiles. Prior to election, brief vita (~3 pages) and nominating letters (1-2) for each nominee will be provided to the seven members of the *Executive Committee*.

4. Voting pool: Seven members of the *Executive Committee* will be eligible to vote (see *Constitution Article V.8* and *Bylaws Article I.2*). These members are: Five current officers (elected) of DED, the *Immediate Past Chair*, and the *NDEC Chair* (see *Constitution Article V.1*). Although it is expected that all members of the *Executive Committee* will participate in this election, at least five members (quorum; *Bylaws Article III.1*) must be in the active voting pool to have a valid election.

5. Confidential voting system: Sequential voting, with members in the active pool voting for only one candidate per round, will be conducted by the *Nominating Committee*. This process will be repeated, if necessary, after dropping the nominee with the smallest number of votes until a nominee has a majority of the votes cast from the active voting pool. E-mail and fax will be acceptable modes for confidential voting, but not the telephone.

6. Vote teller. *Teller* will not be a person from the active voting pool. A member of the *Nominating Committee* can be designated as vote teller. *Chair* of the *Nominating Committee* can serve as vote teller if he/she chooses not to be in the voting pool. *Teller* cannot break ties under any circumstances and run-off round(s) must be conducted if ties develop. *Teller* will preserve the confidential voting records for one year.

7. Notification. The *Division Chair* will inform the new member of his/her election and about his/her progression path (see *Constitution Article V.3*) within the *Executive Committee*. While the term of the new member will begin on the following July 1, he/she will be invited to attend the *Spring Meeting* of the *Executive Committee* as an observer.

Supplement to the Agenda

ASME Design Engineering Division
Executive Committee Meeting

Sunday September 10th, 2006, 1:30 pm – 4:00 pm

The items below are new business to be discussed at the ASME Design Engineering Division Executive Committee Meeting:

1. Freudenstein memorial resolution – Ken Waldron, Liaison report (see attached)
2. Format/medium, location/time of DED's spring meetings - Shapour Azarm
3. 2007 DMD Conference – Art Erdman (see attached)
4. ASME description of DED on Technical Division website – Judy Vance (see attached)

Whereas Dr. Ferdinand Freudenstein, Higgins Professor Emeritus of Columbia University, departed this life on March 30th, 2006.

Whereas Professor Freudenstein had enormous influence on the field of Mechanical Engineering Design by being the first to realize the enormous potential of application of digital computers to our field, and

Whereas he had great influence on our field in this, his adopted country, and throughout the world not only by virtue of his technical contributions documented by his many publications in the technical literature, but also by virtue of the many students he trained, and their students, and their students' students as documented on the attached "family tree".

Whereas Professor Freudenstein contributed substantially to our professional community by being a leader of the establishment of the Mechanisms Committee within the Design Engineering Division of ASME.

Whereas Professor Freudenstein served as Chair of the Design Engineering Division in 1976-77, and served the community in many other ways. Professor Freudenstein was a valued and effective mentor not only to his students, but to many other younger members of the professional community.

Whereas in a career that spanned more than 45 years of innovation and creativity, professor Freudenstein published more than 135 journal articles and received nine patents and countless accolades, including election to the National Academy of Engineering and two Guggenheim Fellowships. Professor Freudenstein also received the Eggleston Medal, the Columbia Engineering School Alumni Association's highest honor.

Be it Resolved that the Design Engineering Division honors the memory of Professor Freudenstein, and expresses deep sympathy for Professor Freudenstein's wife Lydia, and his children David and Joan not only for their loss, but for bearing the burden of the prolonged illness that removed him from professional interaction.

It is requested that a copy of this memorial resolution be delivered to Mrs. Lydia Freudenstein by Professor Kenneth Waldron, Technical Leader of the ASME Systems and Design Group on the occasion of the Memorial Service to be held at Columbia University on September 13th, 2006.

Shapour Azarm, Ph.D., P.E.
Chair

Kenneth J. Waldron, D.Eng., Ph.D., P.E.
Tech. Leader, Systems & Design Group

Committee will not accept hand written or incomplete forms

CA-2 11/02

CONFERENCE APPROVAL QUESTIONNAIRE (Participating)

To be Completed by **PARTICIPATING** ASME Division seeking Approval
(12 to 18 months in advance of Conference date) For Sponsorship, see Policy 12.1 &
CA-1 form

NAME OF CONFERENCE: _2007_Design of Medical Devices Conference

DATE: _April 17-19, 2007

FACILITY/SITE: ___Radisson Hotel Metrodome

CITY, STATE: _Minneapolis, MN _COUNTRY: _US

1a. Names of sponsoring organization(s) Boston Scientific, St. Jude Medical, Medtronic, _

1b. Other sponsoring or participating organization(s) _Minnetronix, Inc.; AcademicHealth Center,
Univ of Minnesota; Patterson, Thuente, Skaar & Christensen; STI; McLean; Thus Far

2. Names of participating ASME Division/Group: _Design Engineering Division

3. Reason for involvement and interest in subject conference ___The division supports research
and education in engineering design and has an active technical committee in
Mechanisms/Robotics. Attendees at this conference would be good candidates for membership in
the Design Engineering Division.

4. How is the Division participating? Session Organizer/Presenter Conference Administration

Exhibit Support

Short course organizer Other _Professor Art Erdman is the conference chair. Art has been
an active member in the Design Division activities for many years

5. Expected Paid attendance _700

6. Is there a conflict of dates with any other Society-sponsored event?

Yes No If yes, please indicate:

7. Is subject matter related to any other Society-sponsored event?

Yes No If yes, please explain:

8. Is there any financial responsibility on the part of ASME?

**NOTE: Society Policy P12.1 requires that all conferences be self-supporting. See attached
summary.**

Yes No If yes what activity?

9. Name, Org., Phone # of the Event Manager: _Professor Art Erdman, Dept of Mechanical
Engineering, Univ of Minnesota, 111 Church Street SE, Minneapolis, MN 55455

10. Will ASME be publishing any portion of the proceedings of this conference? Yes
 No

11. Will the conference utilize the ASME web conference planning tool? Yes No

12. Will ASME members be admitted to conference at a member rate? Yes No

If No, please explain: _____

13. Will an exhibit be held in conjunction with this event? Yes No (Who is
Managing?)__U of Minnesota_____

14. Will Short Courses be held in conjunction with this event? Yes No (Who is
Managing?)_____

15. ASME representative for this conference (volunteer): __Dr. Art Erdman

Telephone number 612-625-8580_____ Date: 9/29/05

The ASME representative or volunteer is responsible to send the conference attendee list on disk within one month after the conference to: Director of Conferences, Three Park Avenue, New York, NY 10016.

16. Division Approval (Chair)__, Chair, Design Engineering Division__Date:

17. Local Section Chair _____ Date:

(if ASME section exists in conference location; signature indicates Section awareness that Conference is taking place; does not imply any programmatic or financial responsibility).

18. Submitted by (Staff): __ __ Date: __

Note: The inviting (sponsoring) organization agrees to make no claim in relation to this event against the American Society of Mechanical Engineers (ASME) its officers, agents or employees and to hold the above harmless against any claims including attorney's fees and judgments. **The financial, legal and all other obligations are the sole responsibility of the major sponsor(s). The inviting organization will provide ASME with a mailing list for all attendees.**

There are two possible descriptions that we could use that would be consistent with our constitution and bylaws:

1. Fosters understanding and research covering the art, science, and application of design engineering and the transfer of design engineering technology between industry, academe and government through programs and publications.

2. Promotes the art and science of mechanical engineering design related to the product realization process including the specification, conception, evolution, design and manufacturing of products and the mechanical design aspects of all other phases of engineering.

Figure 1



Figure 2



Figure 3



Figure 4

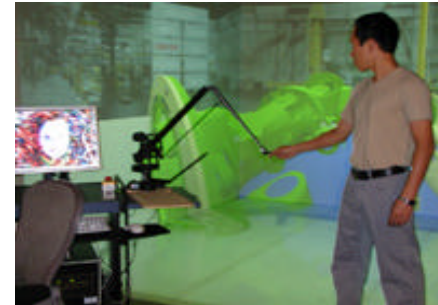


Figure 5

