

**ASME Design Division General Committee**  
**Meeting Minutes, March 17, 2002**  
**1043 ERF, University of Illinois at Chicago**

**Present:** T. Chase, P. Doepker, F.M. Goldfarb, K.C. Gupta, K. Jacobson, K. Kazerounian, L. King, J. Kreiner, D. Lewicki, D.M. McFarland, F. Mistree, B. Ravani, D. Segalman, A. Shabana, S. Sinha, J. Vance, K. Waldron

[Whenever there were written reports, I have tried to include very brief summaries of key items of interest within these Minutes]

[12 of the 17 participants carried over from the Executive Committee Session that ended just an hour ago, so it was felt that it was not necessary to repeat formal reports from the morning]

The Meeting was called to order by Dan Segalman (Chair) at 1:00 PM.

Minutes of the September 11, 2001 Meeting (Pittsburgh) were approved with a minor correction.

*Honors & Awards* – Discussions on “Ravani Proposal” flowed over from the Executive Session in the morning to the lunch break, and it was reported by Ravani, Mistree and Sinha that a compromise draft for Scripting Guidelines for H&A Award Presentations at an IDETC Luncheon will soon emerge.

*Executive Committee*

Dan Segalman (*Chair*) – no additional comments

Fred Goldfarb (*ASME Headquarters*) – no additional comments

Tom Chase (*Vice Chair & Treasurer*) – Allocations for 2002-03 were presented and discussed. With the exception of Design Education, all *TCs* were allocated \$500:

DE \$3,000

DAC, DFM, DTM, F&J, Mechaisms, PTG, RSAFP, TCVS, V Des: \$500 each

*Standing Committee allocations were as follows:*

Fellows Nominating: \$100

H&A: \$1,500

Membership Development: \$500

NDEC: \$100

Publicity/Newsletter: \$1,200

USCToMM: \$3,000

*Administrative Committee:* Executive Committee: \$1,500

*Gift* for the host institution (UIC/MIE): \$200 (Gupta abstained)

Note that \$2,500 of the \$3,000 allocated to the Design Education (DE) Committee is earmarked for funding student travel to the IMECE for presenting at the Young Design Engineer's Paper Competition. This was done as a stop gap measure to allow time for the Design Education Committee to search for documentation of the formal commitment of the DED to this activity.

*Journal of Mechanical Design* (Tsai) – Three new Associate Editors are being nominated: G. Pennock and C. Mavroidis (Mechanisms & Robotics), L. Schmidt (DTM). Numbers of submitted, accepted and published papers have gone up steadily and an increase in page allocation from 700 to 900 has been requested. Tables presented statistics on the disposition of papers from 1999 - 2001. Acceptance rates have been 57% for 1999, 48% for 2000, and 50% for 2001.

*Journal of Vibration and Acoustics* (McFarland for Bergman) – Data on the disposition of papers in 2001 was included. Current paper backlog is “unacceptably low” and this “problematic” situation is being monitored. Guest-edited issues on special topics are being considered. New Associate Editors are C.A. Tan, R.F. Keltie and M.I. Friswell (2<sup>nd</sup> term). The acceptance rates have been 50% in 2000 and 52% in 2001.

*ASME/IEEE Mechatronics* (Waldron) – Terms of the three DED members on the Journal (Transactions) Management Committee should be staggered and should expire as follows: Velinsky (12/02), Waldron (12/03), Ravani (12/04); a full term is five years. The term of an Associate Editor is for three years, extendable to a fourth year. [Current Associate Editor from DED is Mavroidis.] In future, the Division will forward a nominee for a new Associate Editor who is recommended by a nominating committee consisting of the DED members on the Journal Management Committee and the current DED Associate Editor of the Journal. The Editor-in-Chief of the Journal makes the formal appointment. All of these recommendations were approved.

*IMECE* (Ravani) – A brief recap of session allocation and data entry issues related to IMECE 2002 was given.

*IDETC Conferences* (Sinha, with Kazerounian and Shabana)

IDETC 2002 (Montreal) – <http://www.caip.rutgers.edu/ASME2002/index.html>

IDETC 2003 (Chicago) – <http://www.me.uic.edu/DETC2003>

IDETC 2004 (Salt Lake City)

IDETC 2005 (Seattle?) – [Update: As of August, 2002, the site was Long Beach, CA]

IDETC 2006 (Quebec?)

*NDEC* (Chase) – ASME is back into the game.

*DED Web Master and Information Management Committee* (Chase/Storti) – Search is on for a new volunteer with web experience. [Update: A new web master was found in Summer, 2002: Shayne Gooch <s.gooch@mech.canterbury.ac.nz> ]

*Vibration & Sound* (Tan) – Activities related to IMECE 2001 & 2002; IDETC 2001, 2003 & 2005; and NDEC 2002 were described in the report.

Web site for IDETC 2003: <http://www.me.uic.edu/DETC2003>

Web site for TCVS: <http://www.me.psu.edu/tcvs>

A proposal to establish “International Conference on Multibody System Dynamics” was made by Shabana. It was pointed out in discussions that only the established Technical Committees can propose conferences, and a “group” must exist as a subcommittee under an existing Technical Committee for one year before the “group” can be elevated to the Technical Committee status. Thus, following Division’s standard procedures, the new conference of the type proposed by Shabana may materialize in 2005 at the earliest.

*Design Automation* (Renaud) – DAC-2001 Best Paper Award winning co-authors K.K. Choi and B.D Youn donated the prize money to the September 11 Relief Fund; the 9-11 tragedy happened while the conference was in progress. DAC-2001 had 36 sessions with 149 papers. DAC-2002 web site: <http://www.me.washington.edu/~asmeda/2002DAC/>

*Design Education* (Kreiner) – a brief oral report was given.

*Mechanisms* (Tsai) – Contract has been signed with downtown Hilton, Salt Lake City, for IDETC 2004. Committee Bylaws have been amended (now posted on Committee’s web site). The Chairman-Elect of the Committee is Kazerounian. For IDETC 2002 (Montreal), the registration fee will be \$470 [actually, \$480]. For M&R-2002, 209 papers have been received (up from 168 in 2000). Changing the name of the conference to “Mechanisms, Mechatronics and Robotics” was debated but the action was deferred to Fall, 2002. The Mechanisms Committee Award is now a Division level award and efforts are underway to endow it. Committee web site: <http://www.asme.org/divisions/ded/mechcomm>

*Power Transmission and Gearing* (Lewicki) – David Lewicki has replaced J. Mancuso as Chair. PTG will participate in IDETC 2003 (Chicago). It is possible that PTG and AGMA may combine efforts for 2003 to give the conference a comprehensive and appealing research – application flavor. PTG-2003 web site: <http://asmegear.eng.ohio-state.edu/>

*Reliability, Stress Analysis, and Failure Prevention* (Sancaktar) – RSAFP participated in IMECE 2001. It is also planning to participate in IMECE 2002 and IDETC 2003. RSAFP web info: <http://www.poly-eng.uakron.edu/sancaktar.htm>

*Vehicle Design* (El-Gindy) – The Committee participated in IMECE 2001 (New York) and dedicated its symposium to the memory of Donald Streit (1955-2001). It will be participating in IMECE 2002 (New Orleans).

*Constitution & Bylaws* (Vance) – Changes to the bylaws and operating procedures related to the roles of Chair and Secretary as IMECE representative or alternate were proposed.

*USCToMM* (Waldron) – ARK-2002 will be in Malavella, Spain. ROMANSY-2002 will be in Udine, Italy. The 11 th World Congress of IFToMM will be in Tianjin, China, August 18 - 21, 2003.

IFToMM web site: <http://www.caip.rutgers.edu/IFTOMM/>

IFToMM Congress 2003: <http://www.iftomm2003.com/secondpg.htm>

*Fellow Nominations* (Hirsch) – Old basic eligibility requirement was “10+10”: 10 years of continuous ASME membership and 10 years of active practice. A new option of “5+20” has been added. DED has the lowest percentage of fellows in any ASME Division.

Web info: <http://www.asme.org/fellow>

*Student Affairs* (Larochelle) – With the support from the Division, a DED Student home page has been developed: <http://www.asme.org/divisions/ded/index.html> .

The Committee is also actively involved in the ASME Student Design Contest:

<http://www.asme.org/students/Competitions/designcontest/index.html> .

*International Activities* (Doepker) – report to be sent.

*Special Committee on K-12 Awareness in Design* (Jacobson) – A short article was submitted for the *Division Newsletter*.

*Design for Manufacturability* – no report

*Design Theory & Methodology* – no report

*Fastening & Joining* – no report

*Government Relations* – no report

*Member Interest* – no report

*Old Business* – none

*New Business* – It was noted that J. Duffy passed away. A motion of condolences was voted and will be published in the *DED Newsletter*.

The meeting adjourned before 4:00 PM. [I did not note down the time]

Submitted,

Krishna Gupta  
Secretary

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