

ASME Technical Committee on Multibody Systems and Nonlinear Dynamics
(TC-MSND)

Tuesday, August 15, 2006, 5.00 P.M. -- 7:00 P.M
Location: Duck Pond Room, The Inn, Blacksburg, VA

Minutes

ATTENDEES:

Members: Kurt Anderson, Bala Balachandran, Harry Dankowicz, Tamás Kalmár-Nagy, Prakash Krishnaswami, Noel Perkins, Ahmed Shabana, Subhash Sinha

Friends: David Chelidze, Venkatesh Deshmukh, Nicolas Dviot, Walter Lacarbonara, Stefano Lenci, Brian Mann, Guilhem Michon, Giuseppe Rega, Xiaopeng Zhao

1. 5:15 PM, Meeting called to order by TC Chair Subhash Sinha
2. Approval of the minutes of last meeting without objection
 - Discussion on Item 6(d) deferred to New Business
3. Treasurer's report by Kurt Anderson
 - Sheet listing status of DED accounts distributed and revenue sharing discussed
 - 2005 DETC Conference in Long Beach successful one for DED; MSND Technical Committee Share: \$14,962
 - Discussion on whether D'Alembert and Lyapunov awards should be made division level awards and award amount (whether to increase it from \$500 to \$ 750); discussion appeared to favor having the awards be within committee's control and increase of endowment for these awards; further discussion on endowment for D'Alembert and Lyapunov Awards deferred to New Business
4. 2007 Intl. Conference of Multibody Systems, Nonlinear Dynamics, and Control, by Bala Balachandran/ Subhash Sinha
 - Conference being chaired by Professor H. S. Tzou of the University of Kentucky; Conference Venue: Rio All-Suite Hotel, Las Vegas, Nevada
 - 1000 plus IDETC conference attendees expected
 - Micro/Nano Systems – Separate conference to be held
 - Thanks to Kurt Anderson, conference web site: <http://www.rpi.edu/~anderk5/IDETC2007>; different symposia call for papers distributed
 - Discussion encouraged coordination of symposia within committee as well as with other committees such as TCVS; co-sharing of revenue across technical committees
 - Committee also felt that more bio-related symposia (bio-mechanics, bio-medical devices) should be encouraged
5. Report on Journal for Computational and Nonlinear Dynamics by Subhash Sinha
 - Journal statistics distributed; five new Associate Editors (AEs) added; there was a feeling that the data provided had to be reviewed and corrected for inconsistencies
 - Need to maintain 400 pages/year

- Birthday issue in honor of Professor Holmes put together by Harry Dankowicz and Oliver O'Reilly; committee expressed thanks to Harry and Oliver for their efforts
- Discussion on reduction of time to publish from submission; publication time and impact factor
- Initial Appointment to AEs three years
- Symposia organizers encouraged to identify prospective journal manuscript submissions

6. Sub-Committee Reports

(a) Conference Planning: Kurt Anderson

- 2009, Kurt Anderson: Working with George Flowers for a conference at San Diego, CA; Reception event being planned on the aircraft carrier *U.S.S. Midway* unanimously approved; meeting to be co-chaired by Professor Kurt Anderson of RPI with Professor George Flowers (TCVS) of Auburn University; Sessions to be merged and cross-listed

(b) Member Nomination: Bala Balachandran

- One candidate: Walter Lacarbonara

(c) Publicity & Information:

- Committee felt that additional effort had to be put into setting up the web site up, collecting information, and updating it

(d) Student Paper Awards: Tamás Kalmár-Nagy and Kurt Anderson

- Guidelines and ideas following a TCVS template proposed; Possibility of awarding three prizes and honorarium and naming the awards discussed; there was considerable discussion in the committee on whether the paper could be co-authored by the advisor or not; Committee expressed thanks to Tamás and Kurt for their work.
- It was decided to send the information for feedback following the Blacksburg meeting

7. New Business

- Discussion on distribution of 2005 conference revenues for endowment; there was unanimous agreement on setting aside \$12000 (\$6000 each for D'Alembert and Lyapunov Awards)
- Discussion on formalizing the request for nominations; there was unanimous agreement on allowing renomination of unsuccessful candidates nominated previously

8. Members only

Election of New Members

- Discussion on the term of membership; it was clarified as three years and that membership can be renewed once and officers serve two years; the term for the current chair, treasurer and secretary expires on 30 June 2007
- Discussion on whether to limit the number of members to 25; it was decided to review the current roster of members since many of them may be phasing out and also seek letters of renomination for those who wish to continue
- Walter Lacarbonara unanimously elected as a new member

D'Alembert and Lyapunov Awards

- Noel Perkins mentioned the various journals in which the request for nominations was advertised and that there were 3 new nominations, two for the D'Alembert Award and one for the Lyapunov Award
- There was a brief discussion on the different candidates, and it was mentioned that considerations can include breadth and depth of candidate's work, impact, and service to ASME.
- It was decided to use the help of a person not on the committee to collect the votes (by e-mail) from the committee members for these awards; the name of Professor Judy Vance, a DED Executive Comm. Member was proposed and accepted

Meeting adjourned at approximately 7.10 PM

Submitted by - Bala Balachandran