

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

Tuesday, August 30, 2011, 7:00 PM - 9:00 PM (EST)
Hyatt Regency Hotel on Capitol Hill, Washington, D.C.

Minutes

Present members: Bala Balachandran (chair), Aki Mikkola (vice-chair), Harry Dankowicz (recording secretary), Dan Negrut, Javier Cuadrado, Bogdan Epureanu, József Kövecses, Walter Lacarbonara, Rudranarayan Mukherjee, Andreas Müller, Werner Schiehlen, Ahmed Shabana, Subhash Sinha, Wan-Suk Yoo.

Absent members: Carlo Bottasso, Eric Butcher, James Critchley, Corina Sandu, Lawrence Virgin.

1. **Call to order**

Meeting called to order by Bala Balachandran.

2. **Approval of minutes from last meeting**

A motion was made to approve the minutes of the TC-MSND teleconference on February 16, 2011. The motion was seconded and approved unanimously.

3. **Treasurer's report**

Aki Mikkola reported on the TC accounts.

4. **2011 MSNDC conference report**

Harry Dankowicz (program chair) provided a brief report on the 8th International Conference on Multibody Systems, Nonlinear Dynamics, and Control (MSNDC) held as part of the 2011 IDETC/CIE meeting in Washington, D.C., August 28-31, 2011. It was indicated that a more complete conference report would be sent out to all TC members and friends in October, 2011.

5. **JCND journal report**

Ahmed Shabana (Editor-in-chief) provided a brief report on the Journal of Computational and Nonlinear Dynamics. An August 2011 journal status report had been sent out with the meeting agenda to committee members.

6. **Sub-committee reports**

a. **Conference planning**

Aki Mikkola (conference chair) reported on the planning for the 9th International Conference on Multibody Systems, Nonlinear Dynamics, and Control (MSNDC) to be held as part of the 2013 IDETC/CIE meeting.

Harry Dankowicz (Conference Co-Chair) reported on the planning for the 1st Biennial International Conference on Dynamics for Design (DFD) to be held as part of the 2012 IDETC/CIE meeting in Chicago, IL, August 12-15, 2012. The conference will be co-sponsored with TCVS. Dane Quinn will serve as the other Conference Co-Chair. The report included a suggested list of conference topics for DFD and the concurrently held VIB meeting. This generated discussion about potential conflicts as well as the overlap between the topical interests of TC-MSND and TCVS. It was indicated that a final list would be formulated by the organizers and topic organizers would subsequently be invited by the conference co-chairs.

Werner Schiehlen reported on behalf of the organizers of the 2nd Joint International Conference on Multibody System Dynamics, to be held in Stuttgart, Germany, May 29-June 1, 2012, and co-sponsored by TC-MSND.

b. **Member nominations**

Bala Balachandran reported on the upcoming creation of a member nominating subcommittee which would seek nominations for TC membership.

c. **Publicity & Information**

Andreas Müller reported on behalf of the publicity and information subcommittee on discussions pertaining to the web presence of the TC. At present the TC's web presence is limited to the ASME hosted page, where the committee posts membership rosters, bylaws, operating guidelines, call for papers, and journal reports. A variety of ideas were put forward by attendees to provide additional information, including various archives of past awardee lectures or reports on select symposia. The discussion also considered the degree to which topical information was already available on other web sites, and what the actual purpose of the TC's web site ought to be. The matter was again tabled for further consideration at subsequent meetings.

d. **Awards**

Bala Balachandran reported on the need to reconstitute the Awards subcommittee and to proceed to align the nomination and selection procedure with society-level guidelines, in the event that the proposal to elevate the Lyapunov and d'Alembert awards to society level would be approved. This would also require modifications to the operating guidelines.

e. **Sponsorship & Industry/Government**

Topic was not discussed.

7. **New business**

It was mentioned that the Design Engineering Division is entertaining proposals to organize the 2015 IDETC/CIE meeting.

8. **Recognition of new ASME Fellows**

No individuals were mentioned.