

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

Monday, February 20, 2012, 11:00 AM - 12:00 PM (EST)

~ Teleconference ~

Minutes

Present members: Aki Mikkola (chair), Harry Dankowicz (vice-chair), Dan Negrut, (recording secretary), James Critchley, József Kövecses, Walter Lacarbonara, Rudranarayan Mukherjee, Andreas Müller, Werner Schiehlen, Ahmed Shabana, Subhash Sinha, Carlo Bottasso, Eric Butcher, Corina Sandu.

Absent members: Bala Balachandran, Wan-Suk Yoo, Lawrence Virgin, Javier Cuadrado, Bogdan Epureanu.

Participating Committee Friends: Kurt Anderson, Peter Eberhard, Arend Schwab, Stefano Lenci, Oliver Bruls, Ronald Aarts.

1. **Call to order**

Meeting called to order by Aki Mikkola at 11 AM EST.

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

Aki Mikkola inquired as to whether there were any comments about the minutes of the ASME TC-MSND meeting in Washington D.C. on August 30, 2011.. The minutes were approved by general consent.

3. **Treasurer's report**

Harry Dankowicz reported on the TC accounts. As of January 31, the main TC-MSND account had a total value of \$22,787. This was a reduction from \$25,589 since the beginning of this fiscal year due to \$1,500 in awards honoraria to Eusebius Doedel (Honorary award), Margarida Machado (Best paper award), and Antonio Di Dino (Best poster award); \$261 for costs associated with these awards; \$264 for food and beverage service in conjunction with the August committee meeting; and a depreciation in the value of investments of \$777.

In addition, the Lyapunov and D'Alembert award accounts had a value of \$48,512 and \$48,555, respectively. These were reduced by \$1,000 each relative to the beginning of the fiscal year for the awards honoraria. The investment values of each of these funds increased by \$1,457 and \$1,450, respectively, relative to the beginning of the fiscal year.

4. **Conference reports**

- 2012 IDETC/DFD (H. Dankowicz) - First Biennial International Conference on Dynamics for Design (DFD) to be held as part of the 2012 International Design Engineering Technical Conferences & Computers and Information in Engineering Conference (IDETC) in Chicago, IL, August 12-15, 2012. Harry Dankowicz, the Vice-Chair of the TC-MSND, will serve as co-chair of the Conference. The Conference attracted 61 abstracts, and will be organized as a single-track meeting. The meeting will include two industrial keynotes and one AFORS program manager keynote.
- 2012 IMSD (P. Eberhard) - Organizers of the conference are expecting to attract approximately 300 participants from Europe, the Americas, and Asia.

5. **JCND journal report**

Ahmed Shabana (Editor-in-chief) provided a brief report on the Journal of Computational and Nonlinear Dynamics. In 2011, the journal received more than 240 papers. This is more than double the number of submissions from previous years, and it is the highest in the journal's short history. In order to maintain an acceptance rate of 25%, the ASME has increased the page journal allocation from 550 pages/year to 700 pages/year effective July 1, 2012. The journal was included in the Journal Citation Reports (JCR) in 2009, and its Impact Factor from 2010 is 0.571

6. **Sub-committee reports**

a. **Conference planning**

Dan Negrut (program 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. A report put together by a subcommittee of members and friends and shared with the telecom participants outlined a proposed series of symposia to be organized in Portland, OR in August 2013. It was suggested that some of these symposia could be merged and organized in tracks that could be run in parallel.

b. **Member nominations (A. Mikkola/W. Lacarbonara)**

The membership nomination subcommittee was chaired by Walter Lacarbonara. It put out a call for membership nominations. Voting turnout was high - as 94.4% of members casted their vote. The three individuals who received the highest number of votes were Hiroyuki Sugiyama, Stefano Lenci, and Zdravko Terze. The committee will have two vacancies from July 1, 2012. These vacancies will be filled by Hiroyuki Sugiyama and Stefano Lenci. A third open position will be available on July 1, 2013 and will be filled by Zdravko Terze.

7. **Other business**

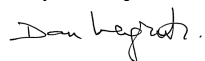
Aki Mikkola indicated that a 2012 Summer School on Multibody Dynamics will be organized at the University of Lappeenranta. As of February 20 there were no available seats left (30 students registered) and a registration waiting list was in place.

Andreas Müller reported that there are now Facebook and LinkedIn accounts that are dedicated to activities related to the committee. The possibility of a couple of Wikipedia webpages was further mentioned.

Harry Dankowicz reported on behalf of the Awards Subcommittee. The Lyapunov and d'Alembert awards are currently under ASME consideration for elevation to society level. As per the corresponding proposal, nominations will be due in January of each odd-numbered year and a vote will be taken in February of each odd-numbered year. As a consequence, the nominations for the Lyapunov and d'Alembert awards will be postponed this nomination cycle.

Teleconference adjourned at 12 PM EST.

Respectfully submitted,



Dan Negrut
MSND-TC Secretary