

Minutes – ASEE Mechanics Division
Business Meeting
Wednesday, June 15, 2005, 12:30 PM
Oregon Convention Center

Attendees: John Baker, Eric Bell, Asghar Bhatti, Lia Brillhart, Phil Cornwell, Scott Davidson, Anna Dollár, Ralph Flori, Gary Gray, Michael Hardin, Dan Jensen, Ing-Chan Jong, Jennifer Kadlowec, Mike Magill, Christine Masters, Sudhir Mehta, Don Morris, Tim Philpot, Brian Self, Paul Steif, Benson Tongue, Madhu Vable, Nash Younis.

1. Welcome/Introductions (Danielson)
2. Approval of 2004 Business Meeting Minutes (Steif)
3. Reports from Division Officers
 - a. Program Chair (Kadlowec)
 - Conference went well. Thanks to reviewers and session moderators.
 - 51 abstracts submitted (many more than past). 31 accepted, 25 presentations and 22 papers.
 - b. Program Chair-Elect (Masters)
 - Peak attendance at first four sessions were: 44, 64, 61, and 55.
 - Contacts with Civil and Mechanical Engineering Divisions continuing with goal of having joint sessions related to Statics, Dynamics and Mechanics of Materials
 - c. Secretary (Steif)
 - Membership invited to make suggestions as to improvement/additions to the newsletter
 - d. Treasurer (Vable)
 - BASS account started year at \$4118.75 and ended year at \$5145.28. Increase comes largely from dues and from contributions from publishers in support of awards. The current balance of \$4708.90 reflects income and expenditures for awards.
 - e. Awards Committee (Engel)
 - Archie Higdon Distinguished Educator Award: K. R. Rajagopal, Texas A&M
 - Ferdinand P. Beer and E. Russell Johnston, Jr., Outstanding New Mechanics Educator Award: Peter J. Joyce, U.S. Naval Academy; Steve Tung, University of Arkansas
 - Best Paper: The Dynamics Concept Inventory Assessment Test: A Progress Report and Some Results, Gary Gray, Pennsylvania State University, University Park, Francesco Costanzo, Pennsylvania State University, University Park, Don Evans, Arizona State University, Phillip Cornwell, Rose-Hulman Institute of Technology, Brian Self, U.S. Air Force Academy, Jill Lane, Pennsylvania State University, University Park.
 - Best Presentation (from the 2004 Annual Conference): Teaching Undergraduate Kinetics using LEGO Mindstorms Race Car Competition, Brian Self, U.S. Air Force Academy, John Wood, U.S. Air Force Academy.

- Contributors: The following publishers have been contacted to thank them for their support in years past, provide them with information about this year's award winners, and to seek their continued support:
 - Pearson Education (formerly Prentice Hall Publishing) for Archie Higdon Distinguished Educator Award
 - McGraw-Hill for Ferdinand P. Beer and E. Russell Johnston, Jr., Outstanding New Mechanics Educator Award
 - CRC Press (formerly Marcel Dekker, Inc.) for Best Paper Award
 - Committee membership will continue to rotate.
 - The membership is urged to suggest nominees, particularly for the Outstanding New Mechanics Educator Award.
- f. Membership Committee (Denton)
- Currently we have 457 members, compared with 416 last year.
 - New member drive continues, with first year's dues waived.
 - We will cross-solicit with other divisions whose members might also be interested in the mechanics division.
4. Announcements and Appointments
- a. Program Chair-Elect (Danielson)
- Tim Philpott will be Program Chair-Elect for 2005-2006.
- b. Executive Committee Election (Mehta/Flori)
- Nominees for two positions on Executive Committee are Benson Tongue and Nash Younis. Motion to accept these nominations by acclamation was passed.
- c. Standing Committees Appointments(Danielson)
- Membership: J. Rencis (chair), B. Self, John Baker
 - Awards: A. Kaw (chair), R. Norton, Lia Brillhart
 - Software: A. Bhatti, Eric Bell, John Baker
 - Solid Mechanics: Dan Jensen, Ing-Chan Jong, R. Rosca
 - Dynamics: P. Cornwell, Michael Magill, Benson Tongue
 - Fluids: R. Carpick, W. Krone, P. Joyce
 - A motion was passed to add a Standing Committee in the area of Statics. Committee: Anna Dollár, Michael Hardin, Nash Younis
5. PIC Report (Danielson/Mehta)
- New PIC Chair is Shirley Pomeranz.
 - For coming year, each division is guaranteed to receive the number of sessions this year minus one. Additional sessions beyond this number will be based on the case that each division makes regarding its needs.
6. New Business (Danielson)
- Danielson announced that the division by-laws must be amended to include following clause: "Amendments to these bylaws must be approved by the ASEE Board of Directors." That and any additional changes will be sent to membership for final approval next year.
 - Based on the recommendation of the Executive Committee, a motion was proposed to change the Mechanics Division to a publish-to-present division. Only authors who actually completed papers would be allowed to present

them at the conference. This would strengthen the division's case for additional sessions in the coming years. Motion passed.

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7. Other Business

- Vable announced that Oxford University Press is interested in sponsoring the Division in some way, with the goal of enhancing and expanding involvement of members in the Division. Several possibilities were discussed, including: sponsoring (partially) the lunch at the Business Meeting, sponsoring an evening social event (e.g. cocktail hour), sponsoring an award honoring a teacher from a local school district, and underwriting the re-establishment of Mechanics Monographs, which could include best Mechanics papers from recent ASEE conferences. Vable will discuss possibilities with OUP and report back.

8. Passing of the Banner (Danielson)

9. Adjournment at 2:00 PM (Kadlowec)