

MINUTES

ASEE Mechanical Engineering Division Executive Committee Business Meeting

at

2016 Annual Conference and Exhibition

Wednesday, June 29, 2016

9:45-11:15 AM

New Orleans, LA

Call to Order

The meeting was called to order by Division Chair Anca Sala at 9:45 am.

Introduction of Attendees

Everyone was asked to introduce themselves. Twenty-one members were in attendance. A list of attendees is provided at the end of these minutes.

Address from PIC Chair: Adrienne Minerick (outgoing), Agnieszka Miguel (incoming)

The financial situation of ASEE is significantly improved from the past few years. More financial information will be posted on the ASEE website. There is a drive for more transparency at ASEE. Controller Douglas Black can look into any accounting questions that you have.

Some division awards at ASEE were underfunded because the endowments did not have sufficient yields. ASEE made up the difference this year from these shortfalls, but will be looking into ways to make this more sustainable.

“Commit to P-12” is the theme for next year. “#ASEEincludes” t-shirts are available at the registration desk and online to support diversity efforts.

ABET changes discussed. Comment period ends June 30. Everyone asked to go to comment page on website and give feedback. Special page on diversity. ABET meets July 13 to consider the feedback and decide how to move forward with the proposed changes.

Feedback to PIC Chairs: Rungun says ASEE bags are falling apart. Some mentioned appreciation for no 7am sessions this year. Moderators should report no-shows to ASEE. Rungun suggested fixed time slots for sessions to enable people to move around.

Additional instructions could be given to moderators on an email before the conference.

JD: Sometimes significant mismatch between size of room and number of attendees. ABET feedback session for chairs: 400 people registered for that session, known 2 weeks ago. Had requested a larger room for that a couple months ago. There is room for improvement.

Anna Howard: Presentation font size too small too often. Perhaps warn presenters of big

rooms and small screen size.

Diane Peters: Logistical issue: stages in some rooms without steps made it harder for less agile presenters to get up and down. Suggested for instructions to moderator: Repeat all questions asked of presenter to ensure everyone can hear it.

Mike Benson: If ASEE is soliciting sponsors from corporations, could let corporations know that ME Division is available for sponsorship. Adrienne: Good idea, get it started by working the other way by submitting a list of companies to ASEE that they think would be a good sponsorship partner. Diane: There is some danger in that of stepping on toes of headquarters.

Approval of Minutes

Minutes for the 2015 Executive Committee Business Meeting were reviewed and approved as amended.

Division Chair – Anca Sala

During the 2015-16 year the Bylaws of the ME Division were revised to include a statement about diversity as recommended by ASEE and to reflect a change in the Division dues. The dues were raised from \$2 to \$5 to compensate for the 30% overhead that ASEE started to charge each Division. The ME Division members approved both changes in a vote that took place in December 2015. The Board of Directors of ASEE consequently voted to approve the new Division dues and Bylaws which are now on record.

Program Chair – Ken Van Treuren

The division received 104 abstracts and accepted 61 final papers. 6 posters were presented, mainly works in progress. The division hosted 12 technical sessions and one poster session.

One workshop was hosted and well-attended. At \$10/ticket, the revenue did not cover the cost of the workshop (\$150 flat fee plus \$350 AV fee), but the topic was relevant and well-received by the attendees.

The ME Division best paper award was for “All Active All the Time? What are the Implications of Teaching a Traditional Content Rich Machine Components / Mechanical Systems Design Course Using Active Learning?” by James Widmann and Peter Schuster. This paper also won the PIC 1 best paper. The diversity best paper was “Comprehensive Research Experience for Undergraduates” by George Youssef, Enrique Ainsworth, Casey Ann Shapiro, Hannah Whang Sayson, and Marc Levis-Fitzgerald.

Convivium - Mike Benson

This year's Convivium was held at BB's Stage Door Canteen at the National WWII Museum. Roughly 70 people attended the event. It was a wonderful event and a great social occasion. Last year the event cost \$6000 with capped limit. This year \$6800, on par per person with previous. Could consider increasing price of convivium. JD: Would not want to raise the attendance limit above 60 as a rule because number of venues will be limited.

Should advise people that the event sells out. Some reported being shut out because they waited too late to sign up (used to be able to easily sign up at the event).

Treasurer - David Mikesell

\$929 in the Operating account. The Operating account is funded by ASEE at \$1/person/division/year. A fiscal year end sweep by ASEE National clears the account so we want to spend it. \$33,023.21 in the BASS acct. as of May 31 (this does not reflect the \$6,800 cost of the Convivium). The BASS account is paid by member dues (\$2/member/year) or by sponsorship. ASEE takes 30% of member dues and sponsorships as overhead.

David will connect with the incoming treasurer and introduce him/her to Douglas Black to sign the signature card. Information will be requested for the rewards endowments, awards balances.

Awards – Rungun Nathan

Had 3 nominees for Young Educator Award.

Already contacted ASEE representative to ask for help in increasing publicity.

Roe Award needs more promotion. Possibility discussed of combining Roe Award with Convivium. Downside – competes for time with AutoDesk, less prestigious affair since the event is not centered around this \$10K award winner. Roe lunch tends to be small group, nice affair, but only a small audience there to hear the winner's presentation. Suggestion given to have a special session to hear speaker's presentation. The only day in the conference available by ASEE schedule for a lunch is Wednesday. Not ideal, but it's the only place it's currently possible.

Not awarded this year due to complete lack of nominations. A special session would help increase awareness of this award.

Diane – could get announcements out to other professional societies representing diverse groups in engineering. She could help with SWE. Roe Awardee does not have to be a member of this division.

Tom – Newsletter/Editor

Tom appreciates the input for articles and help with the newsletters.

The proposed new standard template for a webpage is still in the works. Instead of waiting for ASEE to come forward, he will move forward with some changes and improvements to our own. Some articles already in the queue for the fall newsletter is recap of the annual conference.

Officer Elections

Open positions available for nomination:

Secretary/Treasurer: Nadir Yilnaz (New Mexico Inst. of Mining and Technology) and Matt Gordon (Univ. of Denver) nominated. Michael Kessler (Washington State University). Matt Gordon was elected for this position, leaving an opening as Member at Large.

Member at Large (1 year position), to replace Matt Gordon – Matt had one year left in the 3 year position. Michael Kessler nominated and elected by acclaim.

Member at Large (3 year position). Nominees: Chuck Baukal (Univ. of Tulsa), Nadir Yilnaz, Chuck Baukal elected.

Member of the Awards Committee – Raghu Echempati, chair (2014-17), Yan Tang (2015-18), Sriram Sundararajan (2016-19), Anna Howard (2016-19), Panos Papalambros (2014-17), Ashwani Gupta (2015-18).

Diversity Committee – Sriram Sundararajan elected.

The following is the slate of officers for 2016-2017:

Division Chair – Ken Van Treuren

Program Chair – Michael Benson

Program Chair-Elect – David Mikesell

Secretary / Treasurer – Matthew Gordon

Awards Chair – Rungun Nathan

Webmaster / Newsletter Editor – Tom DeNucci

Members at Large – Diane Peters (2015-18), Michael Kessler (2016-17), Chuck Baukal (2016-19)

Nominating Committee – Chair: Anca Sala, Members: Jeremiah Neubert (2014-17), Michael Golub (2015-17)

Anca passes ME Chair torch to Ken.

New Business

Ken will solicit input on awards decisions.

Adjournment

The meeting was adjourned at 11:23am.

Next Meeting

The next division meeting will be held at the ASEE Annual Conference in Columbus, OH on Tuesday, June 27, 2017 from 5:00pm - 6:00pm.

List of Attendees

| Name | Affiliation | Email Address |
|---------------------|--------------------------|--------------------------------|
| David Mikesell | Ohio Northern U | d-mikesell@onu.edu |
| Mike Kessler | Washington State U | michaelr.kessler@wsu.edu |
| Michael Golub | Indiana U | migolub@upui.edu |
| Sriram Sundararajan | Iowa State U | srirams@iastate.edu |
| Matt Gordon | U Denver | matthew.gordon@du.edu |
| Amir Karimi | U of Texas - San Antonio | akarimi@utsa.edu |
| Nelson Macken | Swarthmore College | nmacken1@swarthmore.edu |
| Anna Howard | NC State U | anna_howard@ncsu.edu |
| David Trevas | Apple | trevas@mac.com |
| Tom DeNucci | US Coast Guard Academy | thomas.w.denucci@uscga.edu |
| Michael Benson | US Military Academy | michael.benson@usma.edu |
| Kenneth Van Treuren | Baylor U | kenneth_van_treuren@baylor.edu |
| Chuck Baukal | U Tulsa | chuck-baukal@utulsa.edu |
| James Mynderse | Lawrence Tech U | jmynderse@ltu.edu |
| Diane Peters | Kettering U | dpeters@kettering.edu |
| Jed Lyons | U South Carolina | lyons@sc.edu |
| Rungun Nathan | Penn State Berks | rungun.nathan@psu.edu |
| Anca Sala | Baker College | anca.sala@baker.edu |
| J.D. Yoder | Ohio Northern U | j-yoder@onu.edu |
| Geoff Recktenwald | Michigan State U | gdr@msu.edu |
| Steven Marra | Johns Hopkins U | marra@jhu.edu |

Respectfully submitted,
David Mikesell, PhD, PE
Secretary/Treasurer, ME Division
Assoc. Prof. of Mechanical Engineering
Ohio Northern University