

EDiv Executive Committee Meeting

1:00pm – 4:00pm, Sunday, Oct. 27, 2013
Hyatt Regency Montreal (ACerS headquarters hotel)

Executive Committee members

Chair: Quanxi Jia
Chair-Elect: Steven C. Tidrow
Vice-chair: Timothy J. Haugan
Secretary: Haiyan Wang
Secretary-Elect: Geoffrey L. Brenneka
Trustee: Dwight D. Viehland

Meeting chair: Quanxi Jia
Meeting minutes: Geoff Brenneka

Meeting called to order at 1:10pm by Quanxi Jia

In attendance: Quanxi Jia, Steve Tidrow, Geoff Brenneka, Brady Gibbons, Beth Dickey (as BoD representative), Marcia Stout and Megan Bricker as staff representatives. Amar Bhalla, Ruyan Guo, and Winnie Wong-Ng arrived partway through the meeting. Tim Haugan and Haiyan Wang were unable to attend in person, but sent reports. Dwight Viehland was unable to attend because of conflicting travel.

Approval of minutes

Minutes from the 2012 MS&T Business meeting were read by Quanxi; Geoff moved for approval, Steve seconded, and the motion passed unanimously.

Trustee's report

No report; Dwight's term ends and Winnie's begins at this MS&T meeting.

Chair's report

There are 17 total standing committees in the rules and procedures; most of them are inactive (and have been for some time). There was discussion of their value and potential options for increasing their activity or paring down the list. This will be an ongoing effort, but in the short term, Steve will consider consolidating via multiple appointments.

Award winners were reviewed:

2013 EMA best student posters:

1st place: John Mackey, Case Western Reserve University, "Analytic Thermoelectric Device Optimization"

2nd place: Michelle Nolan, University of Florida, "Phase equilibria, crystallographic structure, and piezoelectric properties of tetragonal $\text{Pb}_{(1-1.5x)}\text{Sm}_x\text{Zr}_{(1-y)}\text{Ti}_y\text{O}_3$ "

3rd place: Ali Hernandez, University of Florida, "Structural changes in Lead Zirconate Titanate due to High Neutron Radiation Exposure"

2013 EMA best student talks:

1st place: Chris Shelton, North Carolina State University, "Control of ZnO thin film polarity through interface chemistry"

2nd place: Tedi-Marie Usher, University of Florida, "Domain wall motion and electric-field-induced strains in NBT-xBT solid solutions from in situ neutron diffraction"

3rd place: Jon Bock, the Pennsylvania State University, "The Influence, Role, and Property Variations in Ferroelectricity at the Edge of the Metal-Insulator Transition and Its Influence on Thermoelectric Properties"

2013 Edward C. Henry award:

Dennis P. Shay, Nikolas J. Podraza, Niall J. Donnelly, and Clive A. Randall, "High Energy Density, High Temperature Capacitors Utilizing Mn-Doped 0.8CaTiO₃-0.2CaHfO₃ Ceramics"

2013 Louis C. Hoffmann award: Clayton Cozzan, University of Florida

Continuing discussion of technical programming at MS&T, primarily the small amount of coordination among symposia, too much technical overlap, and general low level of communication and coordination.

Quanxi has been in discussion with David Green about publishing the best papers from EMA in JACerS; up to 10 papers could be accommodated in a (partial) special issue or spread over multiple issues. Lots of discussion, about value (or lack of) and motivations for speakers to publish... the review criteria and processes would be the same as any other JACerS paper, but the paper would have a note about being 'invited' or something along those lines. After significant discussion, the consensus was to start by suggesting (inviting) the top student contributors (poster and talk) to submit a rapid communication for JACerS.

The division has \$2050 which must be spent by the end of CY2013; will be used for comp registrations for EMA.

The Society's LinkedIn campaign has brought >200k 'impressions' and so far >50 clicks and >10 new members so far.

EMA: Quanxi suggests targeting 300 attendees and to explicitly encourage attendees (especially invited speakers) to join EDiv.

6 of the 18 fellows being inducted this year are EDiv members, 3 are only EDiv, 3 are cross-listed.

EDiv membership up 58 members YOY.

Dick Brow, David Green and Charlie Spahr visited and introduced Green's Presidential committees: (Diversity, International collaborations, and the Foundation). Financially, the Society is in good shape. Charlie discussed more plans for the Foundation, and announced the Ceramics Expo trade show which will be run by Smarter Shows Inc with ACerS as a partner with no financial risk; the first show will be in April 2015 in Cleveland.

EMA2014: 290 abstracts accepted so far, we have 20 complimentary registrations available so far, and more are expected as additional funds arrive. All 3 plenary speakers have confirmed. EMA'14 organizers are making a file for future organizers; it is recommended that the call for symposia go out at or shortly after MS&T; need to get with BSD person to get the call out ASAP, but BSD hasn't yet identified their organizer.

John Blendell is organizing a 2hr short course / tutorial on interfaces on the Wed night; the failure symposium is moving to Fri evening.

Space is reserved for the 2015 meeting, but nothing has been signed yet, so Mark is looking into alternative options at the hotel because we're quite crowded during the break.

Vice-Chair/Programming Chair report (Tim Haugan, electronic report attached):

It was suggested that we send congratulations email to dept chair for student award winners, highlighting, for example, the number of competing student talks, etc.

Rules report (Brady):

The rules themselves don't have too many problems, but there are clearly too many standing committees because the majority of them have not been active for many years.

The standard operating procedures require wording changes throughout. Brady will send out the commented version to everyone. There was some discussion about the possibility of moving our main annual meeting (from a division standpoint, including the business meeting, etc.) to EMA.

Marcia suggested that the Henry and Hoffman submission deadlines be moved to earlier in the year to allow more time for evaluation and for consistency with other Society awards. The Exec committee voted to propose moving the Henry and Hoffman awards to June 1, for official voting at the business meeting.

Meeting adjourned at 3:50pm