

IEEE Education Society Board of Governors Meeting

124th ASEE Annual Conference & Exposition

Monday, 26 June 2017 - 6:00 PM to 9:00 PM

Hague Room, Hagley Regency Coliseum

Columbus, OHIO, USA

Visiting Member

In Attendance (bold)

Absent (Italics)

1. **Claudio da Rocha Brito (President)**
2. **Russ Meier (President-Elect)**
3. **Melany Ciampi (Secretary)**
4. **Leonard Bohman (Treasurer)**
5. **Rosa Maria Vasconcelos (Member-at-Large, Bylaws Committee Chair)**
6. **Henrique dos Santos (VP Conferences)**
7. *Martin Llamas Nistal (VP Publications)*
8. **Edmundo Tovar (VP EA)**
9. **Ed Jones (Awards Committee Chair)**
10. **Mani Mina (VP MGA)**
11. **Hamadou Saliah-Hassane (Member-at-Large, Standards Chair)**
12. **Jim Rowland (Fellows Committee Chair)**
13. **Rob Reilly (Sr. Past President)**
14. **Diane Rover (Member-at-Large, Finance Committee Chair)**
15. *Alan Cheville (Member-at-Large)*
16. **Anthony Maciejewski (Member-at-Large)**
17. **Arnold Pears (Guest)**
18. **Jim Sluss, Jr. (Past President)**
19. *Lance Perez (Member-at-Large)*
20. **Lisa Huettel (Member-at-Large)**
21. **Maria Petrie (Member-at-Large)**
22. *Okyay Kaynak (Member-at-Large)*
23. **Rosanna Chan (Member-at-Large)**
24. **Steve Watkins (Member-at-Large)**

1. Welcome and Introduction Claudio Brito
 - a. Claudio Brito welcomed the Board of Governors and guests.
 - b. Each person introduced themselves and affiliation.
2. Approval of Agenda Claudio Brito
 - a. Motion to approve: Reilly
 - b. Second, Tovar
 - c. Approved

3. Approval of Minutes from previous BoG Meeting Claudio Brioso
 - a. Motion of approval: Bohman
 - b. Second: Meier
 - c. Approved
4. President Report Claudio Brioso
 - a. EDUNINE was implemented in March 2017.
 - b. Education Society has representation on TAB committee
 - i. Dig Once
 - ii. North and South Pole
 - c. Keynote Speaker of ASEE Zone 2 Conference in Puerto Rico
 - d. Keynote Speaker of CSC2017 Brazilian Computer Society Annual Conference
5. President Election Report R. Meier
 - a. Full report was distributed to the Board of Governors before the meeting.
6. Vice President for Conference Report Henrique Santos
 - a. EDUNINE was held in March 2017.
 - i. Call-for-paper came out relatively late.
 - ii. Participation was smaller than initially intended.
 - iii. There were many conference representation.
 - i. Co-attendance for some authors.
 - . 40 paper presentation.
 - i. 30 paper published in IEEE Xplore
 - b. EDUCON was held in April 2017.
 - i. 300 submission
 - ii. 200 accepted paper
 - iii. Expectations similar to previous year.
 - c. Has also ended the webinar provided by IEEE MCE for conference VP.
 - i. IEEE Conference Committee initiative
 - ii. Plan to work on implementation of the best practice suggested in the webinar.
 - d. Possible EDUNINE and LACCEI Conference being explored.
 - i. MOU between LACCEI and the Society address conference and participation.
 - e. Possible EDUNINE collaboration with a conference in Guatemala. Right now, the linking initiative is being explored.
 - f. Believe has the need to create a data exchange conference. Plan to create a template of end of conference organizer has collected the information.
7. Vice President for Publication Report Martin Llama
 - a. No report given during the meeting.
 - b. VP Publication not able to attend.
 - c. Full report sent to the BoG before the meeting.
8. Vice President for Educational Activities and Award Report Edmundo Toar
 - a. Full report was submitted to the board prior to the meeting.
 - b. Has initiated action based on his proposal to the EA portion of the strategic plan.

- c. Designing the Lecture program has received an application from IEEE TALE.
 - i. The proposal is being reviewed.
- d. MOU with Merlo
 - i. The creation of committees of experts in IT Systems and Computer Science has started.
 - ii. Volunteer has signed up and content review of 100 material has been completed.
 - iii. IEEE-CS is the co-sponsor and both logos are branded on the site.
- e. The MOOC on Educational Resources is almost ready!
 - i. Release of the committee in August
 - ii. Manifesto review committee and members have participated in its creation.
- f. Serving a number of Educational Activities Board committees
 - i. Faculty Resource Committee
 - ii. General University Resource Committee
 - iii. Oversight of EAB has raised the identity of the Society within this arm of IEEE. (IEEE-EAB is one of the corporate arms of IEEE).
- g. He has been active in creating the committee of educators on IEEE Collaboration.
 - i. Collaboration is the member-only social network IEEE brought online in 2016.
 - ii. Collaboration is free to members.
 - iii. Sign-up and participation in the conference!
 - iv. Committee name: Engineering Faculty of Tomorrow
- h. Award Committee led by Ed Jones and Jim Sliemers
 - i. Education Society Award nomination has been collected.
 1. Nomination has been peer-reviewed.
 2. Award winner has been chosen.
 3. Citations are being written.
 4. Letter will be written for the recipient.
 - ii. Undergraduate Teaching Award
 1. He has asked to participate in the ad-hoc conference.
 2. IEEE has asked Education Society to take a broader role in its management.
 3. Leonard Bohman needs to give time for the Society to decide if it would budget long-term support for his award.
 4. Rob Reilly needs to make a hard decision based on our recent team change. This award is a large price-tag. He believes it should be on the top of his list of high-priority items for sustainability.
 5. Mani Mina needs to be focused on increasing the team's ability to support things like his that are important.

6. Alan Chelleak has the importance of the award in order to feel ill-earned or proposed?
 7. Ed Jones responded that IEEE has for many years had an over-all excellent award known as the Milligan Award. About 20 years ago, the Undergraduate Teaching Award was created. It is quite prestigious in the community of education in the membership.
 8. Rob Reill asked if he would join the Computer Society.
 9. Motion: Rob Reill moved to fund the award in 2018 with a budget line item of \$18,000 and then approach the CS about joining in 2019.
 10. Second: Anthon Maciejewski
 11. Discussion continued.
 12. Arnold Pearce has IEEE in the ring of the award and passed the responsibility to the Society. He also notes that the CS already has a high level of prestige and does not need it.
 13. Diane Rorer asked if there is an obligation to pass it. Ed Jones notes that the Award Board is currently obligated to pass it. If the Society does not budget for the IEEE Foundation, it is not necessary.
 14. Amended Motion: Rob Reill moved to fund the award in 2018 with a budget line item of \$13,000 and then the President will approach the Foundation about long-term funding. Further requirements have a full financial analysis for long-term effect.
 15. Vote occurred.
 16. Motion passed.
 17. Noted to be again: Bohman, Meier
9. Vice President for Membership & Geographic Activities Report: Mani Mina
 - a. Spain and Portugal initiatives for Senior Member
 - i. The coordinator has worked to improve the number of successful Senior Member applications.
 - b. Beginning the process of thinking about an e-added marketing approach to encourage new joins
 - i. Has held a conference with graduate students to determine how they would join and how they did join.
 - c. Chapter Committee: Rob Reill
 - i. We have about 70 chapters.
 - ii. Beginning to develop chapters in Congo, Chad, Ireland, New Zealand
 - iii. Some chapters are more difficult to get started and mainly because of robotic automation, old data centers, etc. seem to be more interesting right now to them.

- i. There has been difficult establishing the chapter in Florida. This has been administered by IEEE and not our Society. We have the permission; it has been the MGA level administration.
 - . We are currently supporting development of members in Latin American and Caribbean countries. A team of leaders will meet at the LACCEI conference next month.
 - i. He believes the need to start looking at all of our members as if they are in a chapter regardless of if a real chapter has been formed in the area or not.
 - ii. We all should look at identifying an area for ourselves.
 - 1. Writing competition.
 - 2. Electronic.
 - 3. LinkedIn and Re-me creation.
 - 4. Teaching skill workshop for graduate students.
 - 5. Etc.
 - iii. Region 9 outreach
 - 1. He has updated the Personal Interest Form Field (submitted by member annually) to identify member in Region 9 outreach and initiate consideration about membership.
 - 2. Claudio Brión has on July 4 he will be giving a keynote to a 3000+ person conference in Region 9.
- d. Fellow Committee Jim Roland
 - i. Jim Roland submitted a full report prior to the meeting.
 - ii. This year there were 7 nominees.
 - iii. The committee has peer-reviewed the nomination. Six of the committee members were eligible to peer-review. Two were not eligible because of their role on the IEEE Board of Directors. He plans to leave the position of committee chair, as he will soon resign from the IEEE BOD. Two others have not been eligible because he chose to rely on the letter of recommendation for our candidate.
 - i. The committee completed a rigorous peer-review of the candidate and reached consensus on the ratings for each of the 7 candidates.
 - . Overall 2 or 3 would be elected by the Fellow Committee. In the past year, it has been 2 out of the 7 or 8 nominated.
 - i. Continue to learn about the process of the Fellow Committee chair and the IEEE discipline number and data.
 - ii. The IEEE is highly elected after the submission and rating of IEEE.
 - iii. In electrical and broad impact has the IEEE look for the general engineering candidate. They have also made contributions beyond their immediate technical area.
- 10. Treasurer Report and Finance Committee Report Leonard Bohmann and Diane Roer
 - a. Full report submitted to the BOG before the meeting.

- b. We budgeted a \$9K deficit in 2016.
- c. We ended profit with a \$48K surplus.
- d. We received \$63K+ in income from our reference.
- e. We ended profit of \$111K.
- f. The report includes an analysis of income and expense over near a decade.
 - i. Conference has good history exceeding expense and annual profit trend.
 - ii. Transaction has a large drop in 2012 due to the change of formula used by IEEE to distribute online sale back to society.
 - 1. Reilly notes his concern about his graph and hence concludes the expense for editorial staff.
 - 2. He notes that the EIC and Editorial Administrator for former Society are not paid. We are pending \$50K.
 - 3. He is also concerned about the page reduction from 700 pages to 300 pages.
 - 4. Arnold Pearson notes he believes there are three factors at play in the area of Europe: he is first and one factor has to do with IEEE Central.
 - a. He notes he believes IEEE Central will make a huge loss on the IEEE Xplore platform; the digital library is not making the money it needs.
 - b. The impact factor is alright but for someone in engineering education he will publish in die in higher education rather than a niche publication dedicated to electrical and computer engineering. The scope of the journal should be broadened.
 - c. He notes that marketing and advertising need to be improved to encourage broader subscription.
 - 5. Reilly does not have a society to pay money to independent contractors for publication management. What the agencies do is not a clear benefit; the administrative costs of the society are pending money. Overall the dollar amount is all right compared to our bill.
 - 6. Rorer asks if IEEE provides the services of Society. Reilly answers yes. He has asked IEEE what it would do if he duplicated our editorial administrator and he replied \$35K.
 - 7. Bohman replies that he has emailed IEEE Publishing to inquire and he has noted that he would not do the same level of work as we are paying for currently.
 - 8. Rorer asks if the VP for Publication over sees the budget of the TOE and the decision has to be made regarding the contracting of an editorial assistant.

9. Mani Mina no e he ork i h hree ocie ie and he all con rac o beca e IEEE charge oo m ch for he ame er ice .

iii. A e of i e are al o incl ded in he repor .

1. E ec i e Commi ee agree o pend \$4000 o add 100 page o he TLT.
2. IEEE Board of Direc or decided ha IEEE ill b dge a 2.5% rpl for 2018. TAB ha decided no o a e i acro he board b i gge he ocie ie implemen hi .
3. A o al of \$113,5000 b dge req e ere recei ed. (Thi did no incl de con in ed f nding for he Riga a ard or he IEEE Undergrad a e Ed ca ion A ard). Th , e ha e a ked for more mone han e ha e (\$105K)
4. IEEE i changing he a o propor ion re en e from IEEE Xplore and imilar prod c . I i a 5- ear pha e in o er 2019 hro gh 2023. When f ll implemen ed he projec ed lo o o r ocie i \$70K.
5. We ma b dge an addi onal \$25.7K in pecial projec in 2017. We ma b dge \$33K in pecial projec in 2018.

i . O r re er e i c ren l large.

. Ad ice from he commi ee i o p h for he 2.5% rpl .

11. S andard Commi ee Repor Hamado Saliyah-Ha ane

- a. A ne eb i e of he S andard Commi ee ac i i ha been crea ed.
- b. The i e addre i : i e .ieee.org/ agro p -ed c
- c. The edi orial board for he fir draf of he andard i mee ing here a ASEE for re ie of hi draf . The mee ing i from 8 o 10 omorro morning.
- d. Di emina ion of draf :
 - i. Pre-conference ork hop a EDUCON 2018
 - ii. Pre-conference ork hop a EDUNINE 2018

12. Con i ion and B la Commi ee Repor Ro a Va concelo

- a. Mo ion: Reill : Add o he b la he e : An indi id al ho ha comple ed hi /her erm of er ice a Pre iden of he IEEE Ed ca ion Socie ma refer o him/her elf a "IEEE Ed ca ion Socie Pre iden Emeri " or "IEEE Ed ca ion Socie Pre iden Emeri a." Thi i le i honorar and i be o ed a a re l of he comple ion of a per on erm of er ice a Ed ca ion Socie Pre iden ; ac ion b he Board of Go ernor i no req ired. Socie Pre iden ho do no comple e heir f ll erm of er ice ma be o de igna ed b a o e of he Board of Go ernor a fer a po i i e recommenda ion b he Socie e ec i e commi ee. Thi i le doe no e abli h an obliga ion pon he per on or he Ed ca ion Socie , nor, doe i endo an po er, a hori , or re pon ibili ie pon he IEEE Ed ca ion Socie Pre iden Emeri /Emeri a.
- b. Second: Bohman
- c. Mo ion carrie .

- d. Action Item: Vancouville will work with Nelson on electing the
 b. language change.
13. Nominating Committee Report - Jim Sl
- a. The nomination were due Friday, June 23, 2017.
 - b. There were 12 nomination and self-nomination for position on the
 BOG. The four members rotating off the board are eligible for re-
 election.
 - c. One nominee for Publication
 - d. Two nominees for Conference
 - e. One nominee for Secretary
 - f. The Nominating Committee will begin meeting to review the
 nomination and peer-review the slate of candidates.
14. IEEE Education Society Technical Committee on Learning Science - Rosanna
 Chan
- a. Learning Science is an interdisciplinary research field focused on the
 scientific understanding of human learning.
 - b. The goal of the committee is to foster interdisciplinary activities between
 engineering researchers, engineering educators and general educators.
 - c. Distinguished Lecturer from King's College, a brother of Hong Kong
 will provide a lecture called "Inspired to become an engineer"
 - d. Two other seminars were held this year.
 - e. She notes IEEE TALE will be in Hong Kong in December and the TCLS
 will be presented at the conference.
15. Representation of IEEE EdSoc in the TAB Committee
- a. Education Society is able to have representation on certain
 subcommittee reports to TAB. Some are appointed, some are
 recommendation for appointment, and some are nomination for election
 to the Technical Activities Board.
 - b. The executive leadership will be brainstorming people to nominate for
 committee.
16. Proposal of IEEE Education Society Logo - Claudio Briano and Melani Ciampi
- a. In the 1990s, Victor Schilling asked Briano and Ciampi to run a conference
 in Brazil.
 - b. They contracted a firm to create a logo.
 - c. They presented the logo created at the time.
 - d. They thought the logo and noted it was already done.
 - e. It would be free of charge rather than pending money.
 - f. Motion approved: Briano
 - g. Second: Ciampi
 - h. Motion passed
17. MOU with COPEC - Claudio Briano and Melani Ciampi
- a. Communication with IEEE is difficult.
 - b. The Society is reviewing the MOU with all Sister Societies: COPEC,
 LACCEI, IGIP, etc.
 - c. They will bring an update on MOU at the October meeting.
18. Duncan Frazer IFEES Award indication of IEEE EdSoc member election
 Claudio Briano and Melani Ciampi

- a. IFEES is the International Federation of Engineering Education Societies.
 - b. Each year receives applications for nomination for his award.
 - c. Hamada is a representative in IFEES.
 - d. Nomination is due by September.
 - e. Request if his something the Award Committee should be handling for the Society.
 - f. Briefly clarify his early learning of his award.
 - g. Request if he the Award Committee in the future his.
 - h. Perrie is his a very good example of increasing opportunities. She has been nominated by the committee for her work in LACCEI.
 - i. Perrie also recommend the Award Committee take the creation of a recommendation if a candidate IFEES.
19. 60 year anniversary of IEEE EdSoc commemoration in FIE2017 Claudio Brioso and Melan Ciampi
- a. Ciampi is in 2007 he celebrated the 50th anniversary.
 - b. This, his anniversary the 60th anniversary.
 - c. She is proposing a simple recognition in a FIE in October.
 - i. Perhaps a cocktail party in his private garden talking about the society.
 - ii. Other suggestions and ideas are required.
 - d. Bohman is he a request should be on the Finance Committee.
 - e. Meier is he the end of the award banquet already available and a nice dinner budgeted in our FIE line item.
20. Unfinished Business Claudio Brioso
21. Time and Place of Next Meeting Melan Ciampi and Rainer Meier
- a. FIE 2017: Indianapolis, Indiana, USA
 - b. October 2017 date to be determined
 - c. The Secretariat will request room and time allocation from Kevin Carr, KUCE.
22. Adjourn Claudio Brioso