

CEDA EC Meeting

29 October 2023 | 8:00 am – 4:30 PM PST

Attendees: Dennis Brophy, Cristiana Bolchini, Yao-Wen Chang, Aparna Dey, Georges Gielen, Joerg Henkel, Tsung-Yi Ho, Jiang Hu, Enrico Macii, Subhasish Mitra, Gi-Joon Nam, Sri Parameswaran, Vasilis Pavlidis, Luis Miguel Silveira, Mehdi Tahoori, Elena-Ioana Vatajelu, Marina Zapater, Qi Zhu

Staff: Amanda Osborn

The meeting was called to order at 8:09 PST. Gi-Joon thanked the EC for their attendance. Roll call and introductions were made.

MOTION: It is moved to approve the September 2023 EC meeting minutes as written. Cristiana Bolchini seconded. Motion passed.

President's Report – Nam

Reviewed the meeting areas of focus including the TCAS-AI journal phase 2 status, 2024 Kaufman Award dinner, 2032 initiatives, CEDA strategic initiatives, and the 2024-2025 assistant VP slate.

There is a TAB-level discussion on a proposal for Councils. Councils don't have members and therefore cannot vote for Division Directors and TAB-level voting. The original proposal was if Councils should have paid membership or not. May be discussed at November TAB meeting but likely delayed until February 2024.

Action Item: Enrico Macii to develop a document on the roadmap of the proposed initiative for young engineers' program by DATE 2024.

Strategy – Macii

Enrico recapped the discussion from the July BoG meeting. There is a shortage of design skills. There are initiatives in place to face the issues. CEDA would like to play a leading role in the solution by leveraging AI, ML, and Data Analytics technologies and offering programming to young people to make the discipline more attractive. There was a discussion held on the external view of IEEE CEDA whether it's hardware or software focused. Enrico outlined roadmaps to engage the young engineers in the program. Need to create a model and find a way to deploy the courses in an efficient way, incorporate the local chapters, and develop KPIs to measure the impact. The goal is to be ready by mid-2024 at DAC.

Finance – Zapater

Marina provided a status update on the 2023 Finances. She noted there is a lot of underspending particularly with initiative spending. Requested \$98k in 2023, but have only spent \$23k to date. This gap is a red flag to IEEE as they want the OUs to be budget correctly. For 2024, requested \$173k which exceeds the maximum and was awarded \$67.1k approved as of today. This corresponds to roughly 3% increase wrt the expected expenses in 2023. Marina emphasized the need to spend the money. There was a discussion held on which initiative expenses should be in the operating budget. Need to ensure

the POC for the initiatives are aware of the available funding and that they are utilizing it. Gi-Joon noted that the YP rep should be contacting the conference organizers to make sure they are aware of the CEDA Travel Grant.

A recurring issue is the way events are invoiced for big conferences at DATE and DAC. One solution is to pay all invoices after the event and/or deduct from the surplus.

[Action Item: Miguel Silveira and Gi-Joon Nam to discuss the issue of separate invoices for CEDA at DAC with SmithBucklin. Determine if they can invoice with one bill with the surplus.](#)

A few issues with conferences are the physical materials and CB cards and the Treasurer and conference chair from the same institution. Additional issues with expense reimbursements include external people claiming expenses via Concur; hotel receipts are mandatory; cannot request business class travel after the event; and students claiming meals with guests. There is a proposal to change guidelines for student travel support manual for claiming costs.

[Action Item: Marina Zapater to adjust the student travel grant policy to include the travel expenses that are allowed.](#)

[Action Item: Qi Zhu to follow up with Marina Zapater to follow up on the cost of the ESWEEK design contest.](#)

Technical Activities – Ho

There are 16 chapters and 5 student branch chapters. There will be a chapter meeting on December 11. There were 10 chapter activity proposals submitted in 2023, up from six in 2022. TY is working with Amanda to establish a Chapter of the Year Award.

Reviewed the technical committee activities, awards, tools, standards, outreach, etc. Held CEDA Distinguished Speaker Luncheons at DAC, ICCAD, and DATE. The DATE 2024 speaker will be Anima Anandkumar, Caltech/NVIDIA. There are 10 distinguished lecturers. TY would like to have the VDL program continue in 2024. Held a joint EPS and CEDA panel at IMPACT'23.

[Action Item: Tsung-Yi Ho to contact Vivek to host a joint panel at DAC.](#)

[Action Item: Amanda Osborn to perform a chapter chair audit and provide Tsung-Yi Ho with the most recent chapter chair roster.](#)

[Action Item: Amanda Osborn and Tsung-Yi Ho to touch base offline to discuss the December 11, 2023 chapter summit meeting.](#)

Young Professions – Zhu

Held an Early Career Workshop and Ph.D. Forum and University Demonstration at DAC. The events were co-sponsored by CEDA/ACM SIGDA. The Forum and UD had over 500 attendees. Held a YP contest for the first time at ESWEEK 2023 with 23 teams from over 20 organizations. There was a discussion held on

how to ensure quality assurance of the contests. Gi-Joon suggested creating a committee to review the contest sponsorships and the quality of the contests.

[Action Item: Gi-Joon Nam to reach out IWLS organizers about listing CEDA as a technical sponsor on their website.](#)

Awards – Gielen

The recipient is Larry Pileggi, from CMU. The announcement has been sent out. Tried to have the dinner at ICCAD but wasn't planned in time. The dinner will be held around ICC in February 2024. A nomination committee needs to be set up to stimulate nominations for the 2024 Kaufman award. Noticed a decline in the number of nominations received. Newton has similar challenges.

[Action Item: Amanda Osborn to send the nomination forms to the EC to submit a nomination for the CEDA Awards.](#)

[Action Item: Gi-Joon Nam to contact SEMI to organize the next Kaufman meeting](#)

Georges' outstanding action times are finishing the policies and procedures document by the end of the year and establishing the Pioneer Award.

[Action Item: Amanda Osborn to send Georges and Tulika the IEEE form for establishing a new award.](#)

Publications – Henkel

David Atienza's term will continue in 2024-2025. ESL EIC term ends in 2023. A call has been prepared and the selection committee to be finalized.

D&T - New special issues are in development. There are interviews being developed by Nicola Nicolici.

[Action Item: Mehdi to reach out to Nicola to organize an interview with the Kaufman Award winners for an interview to be included in the D&T Magazine.](#)

See slide.

TCAD - Submissions have increased YoY by 27%, primarily from Asia. The acceptance ratio is now 38% down from 46.9% in 2021. Optimized the review process and publication timeline with IEEE. David is working on renewing the EB board in 2024 with an emphasis on increasing diversity in Region 10 and industry. Expanding nominations for the TCAD BPA.

ESL – Provided the geographical, affiliation type, and gender demographic makeup of the board. Reviewed the submission statistics from 2019-2023 and upcoming special issues. Have been working with conferences and workshops to be published in ESL including ESWEEK, CASE, and SeHAS.

New Journals being proposed on AI/ML Sides. Danger of scope creep for TCAD for the new IEEE Transactions on Circuits and Systems for Artificial Intelligence (TCASAI) – approximately 35% of papers of

TCAD could be redirected towards the new publication. There was a discussion held on CEDA's role moving forward in this paper and how to prevent the scope creep.

Discussion from above included topics such as the name of the journal, the percentage ownership from the various OUs and the procedure for EiC appointment.

Conferences – Bolchini

Cristiana is looking to implement a procedure whereby when an MOU is received the reference person receives information regarding previous conference attendance and get the conferences to submit a post-event report. If it's a TCS, they must verify CEDA's involvement before approved. There was a discussion held on quality control of the publications for the sponsored conferences.

MLCAD workshop wants to move to a symposium format.

ESWEEK is looking to add CODAI.

Need to monitor the outcome of first-time TCS (i.e. ISED 2023 and ISED May 2023). There have been more frequent requests for sponsorships under 1-year from the event. IEEE is monitoring sponsor involvement especially with TCS to prevent events getting their proceedings in Xplore with no guarantee of quality.

[Action Item: Gi-Joon Nam to discuss the IEEE VP Conferences the process of elevating a workshop to a symposium.](#)

[Action Item: Tsung-Yi Ho to request a post-event report for ISEDA 2023 to Cristiana Bolchini.](#)

Standards – Dey

Reviewed the mission and objectives of the committee. Hosted an in-person meeting at Cadence in October where they picked a short list of standardization, planned a kick-off meeting in November sponsored and hosted by Cadence, and a membership drive in academic networks and CEDA chapters. Reviewed the current published DASC Standards.

Publicity – Nam

SSCS has requested CEDA provide regular CEDA-related content for their newsletter.

[Action Item: Gi-Joon Nam to follow-up on the SSCS request for CEDA-related content for their newsletter.](#)

2024-2025 Slate – Chang

Reviewed the 2024-2025 VP slate that was approved at the BoG meeting in July. Discussion held on what the expectations of the Assistant VPs are.

Motion: The Nominations and Appointments Committee moves to approve the slate of the Assistant VPs for 2024-2025. Motion passed.

Admin Updates – Osborn

Action Item: Gi-Joon to read and review the Bylaws for the VP, Assistant VP roles and committee composition.

Amanda reviewed the 2024 meeting schedule. The October date will be sent once ICCAD 2024 dates have been determined. In lieu of a November meeting, there will be a meeting on December 6. Laura Paul has been hired and will start on November 27.

Old/New Business – All

There was a discussion held on the need for the website to be upgraded as the current platform is no longer being provided security or maintenance updates by Drupal.

Action Item: Amanda Osborn to send Gi-Joon the requirements and next steps for the site migration. Gi-Joon to follow up with Marina.

Action Item: Gi-Joon Nam to get DPO for Miguel.

Adjourn

MOTION: Gi-Joon Nam moved to adjourn the meeting. Miguel Silveira seconded. Motion passed.

The meeting adjourned at 3:10 PM PT. The next meeting will be virtual on December 1 at 10 AM ET.