CEDA EC Meeting
Virtual Meeting (DAC 2021)
5 December 2021 | 9:00 – 11:00 am PT

Attendees: David Atienza, Cristiana Bolchini, Dennis Brophy, Yao-Wen Chang, Agnieszka Dubaj, Luca Fanucci, Georges Gielen, Tsung-Yi Ho, Enrico Macii, Subhasish Mitra, Gi-**Joon** Nam, Vasilis Pavlidis, L. Miguel Silveira, Atushi Takahashi, Vivek Tiwari, Marina Zapater, Qi Zhu

Staff: Dana Mallett and Amanda Osborn

Welcome and Call to Order (Chang/Nam)
Yao-Wen called the meeting to order at 9:06 AM PT. Roll call was taken.
The Young Professionals presentation to be added to the agenda.

MOTION: It is moved to approve the November 2021 EC meeting minutes as written. Motion passed.

Presidents Report (Chang)
Yao-Wen thanked the Executive Committee for their work over the last two years.
CEDA backpacks will be shipped to EC members.

Action Item: Gi-Joon Nam to email the 2022 Executive Committee meeting schedule.

Activities (Ho)
Tsung-Yi provided an update on the 2021 activities.

Chapters
Recently added three new chapters: Switzerland, Russia, and Chengdu. There are 16 chapters and 4 student branch chapters. They are primarily located in Regions 10, 8, and the United States. There has been limited outreach of chapters because of COVID. Five chapters requested funding for a total of $11,000 USD.

Distinguished Lecturer Program
DLP Chair, Mehdi Tahoori, started a virtual DL program. There were 7 webinars with nearly 650 attendees from 47 countries. The virtual format has provided greater access to the EDA community to industry expert talks.

There are 5 new DLs for 2022-2023. Hai Helen Li was named DLP Chair for 2022-2023.

Technical Committees
There are five TCs that were active in 2021. DATC has a new chair, Jinwook Jung from IBM, and prepared open-source tools. TCCPS continues their awards program and will present them at the CEDA Luncheon at DAC.

HSTTC created the CAD for Assurance tool and virtual webinar series. There were 10 webinars held with almost 1,100 attendees from 39 countries.

Plans for 2022 include Design Automation WebiNar, Open-Source EDA event, outreach on emerging topics, and CEDA member meeting at DAC. There is an opportunity to integrate standards with the Open-Source community and event.

A discussion was held regarding the Distinguished Speaker Luncheon and/or a member meeting. It was suggested to invite the Kaufman and Newton award winners as panelists at the luncheons.

Ongoing discussion of starting an India Chapter and establishing new chapters in Russia and other regions. India Section has not responded to Gi-Joon or TY.

Action Item: Qi Zhu to help facilitate young professionals at a potential job fair and early career events at DAC and conferences.

Finance (Bolcini)
Challenges include ICCAD and DAC are at the end of the year and it is difficult to have a preliminary EOY budget until they are finished. There is a possible impact on the 2022 budget.
Underspending in activities and increased revenues from publications. IEEE overhead is no longer accounted for under publications.
NextGen implemented in Spring 2021.
The 2021 budget was predicted to be -$56.2K. The actual to-date financials (without ICCAD and DAC) is ~$348.7K.
Cristiana reviewed the preliminary 2022 budget, which is in line with pre-COVID budgets.

Strategy (Macii)
Enrico reviewed the mission of the VP Strategy. The 2020-2021 achievements included the targeted expansion of Industry 4.0 and increased awareness. Additional initiatives that were discussed were unable to be executed due to the pandemic.

The 2022-2023 Strategic Plan and objectives were submitted to IEEE. The implementation of the Strategic Plan includes two paths: provide continuity to the most successful initiatives and expand the presence of the EDA community in strategic R&D areas.

Actions include forming a Strategy Committee according to the Bylaws. The formation of the committee to be completed by 31 January 2022.

It was suggested to request committee members in specific technical areas and activities like publications and conferences including the respective VPs.

Action Item: Gi-Joon Nam and Enrico Macci to determine the structure of the Strategy Committee.

Action Item: EC and BoG members to submit potential candidates' names, CVs, statements of motivation to Enrico Macii to serve on the 2022 CEDA Strategy Committee.

Conferences (Fanucci)

CEDA has five, long-standing conferences – DAC, ASP-DAC, ICCAD, DATE, and ESWEEK – and 27 additional sponsored conferences (21 financial and 6 technical). Challenges include most of the 2021 were held virtually because of COVID. A few were held in a hybrid format including ICCAD. Individual conference reports will be given during the BoG meeting.

Cristiana Bolchini taking over as VP Conferences in 2022.

Publications (Silveira)

The publications sponsorships have remained relatively unchanged. Added a financial co-sponsorship of the Transactions on Signal and Power Integrity. Luca Daniel is on the TSPI Steering Committee.

TCAD and ESL moved to online only in 2020. D&T will move to online in 2022, which will lead to a partial cost reduction for D&T.

ESL is doing well, renewed editorial board, and in 2022 will have 3mn video previews set up. ESL has had significant improvement in processing times. Sent out a survey and received a good number of responses that indicate subscriber satisfaction. Reappointed Preeti Ranjan Panda for a second EiC term.

TCAD appointed new EiC, David Atienza, for 2022-2023. The journal is in excellent position and significantly increased its impact factor to 2.807 and submissions by ~20%. Continuing to decrease backlog.

D&T appointed Partha Panda new EiC for 2022-2023. Mehdi Tahoori named Associate EiC. The magazine is in excellent shape and financial situation improved considerably. A survey was conducted but received very few responses.

JxCDC continuing to show improvements. It's expected to receive an impact factor in 2022.

Actions for 2022 include continued discussions on the publication model versus conferences for TCAD and monitoring the TSPI Editorial Board setup including considerations of diversity, specifically gender.

Awards (Mitra)

Georges Gielen taking over as new VP Awards in 2022.

There were strong nominations for the Newton Award.

In 2021, the Kaufman Hall of Fame was established. It is a posthumous award. Two individuals were recognized this year.

MOTION: The Awards Committee moved to appoint Deming Chen, University of Illinois at Urbana-Champaign, as the IEEE CEDA Fellows Evaluation Committee Chair for 2022. Motion passed.

Publicity (Pavlidis)

Continued communication activities include *Currents*, Community Calls, and other ad-hoc publicity requests. In 2021, a Publicity Policy was reinstated and approved by the EC to manage the number and types of requests.

The job ad board was removed and directed to the IEEE job board.

Participation and enthusiasm for the newsletter *Currents*.

Social media doesn't appear to be used by members either from a lack of awareness or indifference.

Presentation library consistently being updated with content from keynotes, distinguished lecturers, and

other virtual webinars. Consider tracking the number of views or downloads to help determine which content is most popular and demanded by the members.

Initiatives (O'Connor)
Ian reviewed the current initiatives' status reports – Smart Cities, Brain, IoT, Task Force on Rebooting Computing, and Future Networks.
Smart Cities and the Brain Initiatives have a lack of clear alignment with CEDA and there is not current participation in the committee.
TFRC has monthly meetings with three main focuses. They plan to organize joint CEDA co-sponsored sessions and organize workshop on quantum computing EDA.
CEDA joined FNI in May 2021. Opportunities for CEDA to contribute to the INGR and WF5G.

It was discussed that these initiatives need to be a part of the Strategic Plan.

Action Item: Gi-Joon Nam and Ian O'Connor to identify a CEDA member to become more involved with the Brain Initiative.

Standards (Brophy)
CEDA Standards Committee authorized in June 2021 and includes Dennis Brophy, Aparna Dey, and Yatin Trivedi. Dennis is the CEDA SC Open-Source Maintainer.
Hosted a webinar in August on Evolving EDA Standards through IEEE SA Open.
Looking to increase membership with CEDA Chapters and starting in Region 10, Europe, and North America (DAC).
Reviewed the current challenges affecting standards.
Standards meetings being hosted at DAC 2021 in San Francisco.
Plans for 2022 include new VP of Standards; and remain connected and committed to Standards Committee operation to adopt IEEE SA Platform and grow SC membership.

Action Item: Dennis Brophy to reach out to EDS regarding standards.

Young Professionals (Zhu)
YP Committee formed in March 2020. The main activities include conference events, online forums, student travel grant, and set up a Slack channel.
Hosted a YP forum on AI and Future Trends in Industry and DAC Early Career Workshop with ACM SIGDA.
Plans for 2022 include expand conference activities, facility industry-academia communications, and career prep for YPs.

Processes and Governing Doc (Dubaj)
Proposed change to the Bylaws to remove the listings of the Member Technology Organizations from the Bylaws Section II.3. The MTOs are listed on the website and will be updated there. This will make it easier to add and remove MTOs without formal process of updating documents with IEEE. The process of approving the MTOs remains unchanged.

MOTION: Agnieszka Dubaj moved to approve the removal of the listing of Member Technology Organizations from the IEEE CEDA Bylaws. David Atienza seconded. Motion passed.

Action Item Review (Dubaj)
Action items to be sent out via email.

Nominations and Appointments (Atienza)
David reviewed the 2022-2023 slate that will be voted on during the BoG meeting.

Gi-Joon and the EC formally thanked Yao-Wen for his service over the last two years and presented a plaque and gift.

The next EC Meeting is Friday, January 21, 2022 10AM ET.

MOTION: Agnieszka Dubaj moved to adjourn the meeting. David Atienza seconded. Motion passed.