

# IEEE Solid-State Circuits Society Administrative Committee Meeting Minutes

**Sunday, February 16, 2025**

**San Francisco, California, USA**

Marriot Marquis and Virtual via Webex

## **ATTENDEES**

### **VOTING MEMBERS PRESENT:**

Bill Bowhill  
Dan Friedman  
Brian Floyd  
Kathy Wilcox  
John Long  
Alicia Klinefelter  
Chris Mangelsdorf  
Makoto Ikeda  
Carlos Tokunaga  
Zeynep Toprak Deniz  
Nadine Collaert  
Pieter Harpe  
Tim Piessens  
Rabia Yazicigil

Ping-Hsuan Hsieh  
S. Zeynep Lulec  
Danilo Manstretta  
Kenichi Okada  
Mauritz Ortmanns  
Filip Tavernier  
Alessandro Piovacari  
Shanthi Pavan  
Makoto Takamiya  
Ali Sheikholeslami  
Eugenio Cantatore  
Woogeun Rhee  
Manuel Delgado-Restituto

### **VOTING MEMBERS ABSENT:**

Junghwan Choi

### **NON-VOTING MEMBERS PRESENT:**

Vivek Tiwari  
Bruce Hecht  
Jan Van Der Spiegel  
Rakesh Kumar  
Ulkuhan Guler  
Trudy Stetzler  
Dennis Sylvester  
Ken O  
Kaushik Sengupta  
Payam Heydari  
Alvin Loke

Leo Belostotski  
Farhana Sheikh  
Eileen Heltzer (IEEE)  
Milin Zhang  
Sanu Mathew  
Medhi Saligane  
Dan Magrath  
Emre Ayranci (virtual)  
Wanda Gass (virtual)  
Korkut Kaan Tokgoz (virtual)

**STAFF:**

Adam Greenberg  
Aeisha VanBuskirk

Ashley Seda  
Danielle Marinese

## **SUMMARY OF MOTIONS**

**Motion 1:** To Approve Consent Agenda. The motion was made by Bill Bowhill and seconded by Makoto Ikeda. **The motion passed.**

**Motion 2:** To Approve Action Agenda. The motion was made by Bill Bowhill and seconded by John Long. **The motion passed.**

**Motion 3:** To approve the membership of the SSCS Fellow Search Committee (FSC) for the Class of 2027. The motion was made by Wanda Gass and seconded by John Long. **The motion passed.**

**Motion 4:** To approve technical co-sponsorship of the IEEE International Conference on LLM-Aided Design (ICLAD) from 2025-2027 . The motion was made by Alessandro Piovaccari. **The motion passed.**

**Motion 5:** To advance \$600k to ISSCC 2026. The motion was made by Alessandro Piovaccari. **The motion passed.**

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**Motion 20:** To establish the IEEE Solid-State Circuits Society Kenneth C. Smith Memorial Scholar Award, and IEEE Solid-State Circuits Society Willy Sansen Memorial Scholar Award, beginning with the 2025-26 SSCS awards cycle. The motion was made by Bill Bowhill and seconded by Kathy Wilcox. **The motion passed.**

**SPRING ADCOM MEETING NOTES**  
**Sunday, February 16, 2025:**

**9:00 Introduction and House Keeping -- Brian Floyd**

- Brian explained the hybrid AdCom format
- Voting will be done via unanimous consent
- For further details beyond the meeting notes, all presentations can be found at the link:  
(<https://agd.ieee.org/mpt/Uploads/3/Agenda.aspx?eid=19213> )

**9:03 Roll Call – Brian Floyd**

- A quorum was present

**Motion 1:** To Approve Consent Agenda. The motion was made by Bill Bowhill and seconded by Makoto Ikeda. **The motion passed.**

The Consent Agenda is as follows:

201 Motion, Bill Bowhill, Approve Summer/Fall 2024 AdCom meeting minutes

202 Motion, Bill Bowhill, Approve the following appointments:

- Tom Burd, 2026 ISSCC Vice-Chair
- Boris Murmann, Editor-in-Chief of the Journal of Solid-State Circuits
- Mehdi Saligane, Chair of the Technical Committee on Open-Source Environment
- Ali Sheikholeslami, Region 7 Representative
- Eugenio Cantatore, Region 8 Representative
- Woogeun Rhee, Region 10 Representative

**Motion 2:** To Approve Action Agenda. The motion was made by Bill Bowhill and seconded by John Long.  
**The motion passed.**

**9:08 President's Welcome – Bill Bowhill**

- Winter Adcom goals: updates on 2024 progress, objectives for 2025, voting on all motions, focus on operational plans to deliver on goals, key deliverables for 2H25.
- Went through the org chart. Still working to fill the EDS society rep on our Adcom.
- Mentioned the retiring and rotating roles.
  - (VP Ed, TSE TC Chair, Region 8, Awards Committee, JSSC EiC, members at large)
- New members welcomed (for all of the above)
- Society status
  - Membership = 10k, stable, 2% of IEEE
    - What is total addressable membership (TAM) in our field → Likely >100k, thus we currently have about 10% of the TAM. Our membership fees are 2% of our revenue. A question was raised on what percentage of IEEE members are not members of any society. Answer, about half.
  - Yearly surplus = \$300-\$500k
  - Reserves = \$16M
  - SCRC Take-away = society is in good health with resources available for more investment
    - Membership = strong, PSO, PUBS, EDU = solid, STDS = weak
- Vision/Mission, Field of Interest
  - Going to create ad-hoc on this topic.

- New ad-hocs (student, history, vision, awards)
  - Student led by Farshana = Forming team to develop proposal covering entire student experience and involvement, including budget. Report back in June for implementation in 2026.
  - History led by Bruce H. = curating history of our society and profession. Bruce discussed his goal to create a sense of “wonder”.
  - Awards, led by Ken O, = working to set strategy, get more nominations, continuity, support services,
- IEEE SSCS – a public charity
  - Discussed what this is and the goal to provide social good. Presented examples of public imperatives (where lot of our traditional activities are not public imperatives). Suggest that we should use around 10% of our surplus for public imperatives (\$50k)
- Inter-society collaboration
  - SSCS is in Division 1. (EDS, CAS, SSCS, Nano, CEDA). Can collaborate with these to promote the semiconductor industry.
- Dan proposed we should form another ad-hoc charged with defining the value proposition of membership and creating supporting materials.
- Suggestions raised, on awards to have some way to reduce the hurdle for nominators.

#### 09:45 [Conferences Committee Report -- Alessandro Piovaccari](#)

- Deploying google drives for the five financial co-sponsored conference for long-term storage.
- Went through all the details of the tactical plan on lower left of quad chart.
- Extended the conference committee (see slide 3).
- FSC (financially-sponsored conference) working group.
- Outreach working group – looking for help on two roles (underserved areas and distribution of video content).
- Quality monitoring group (suggestion from Dennis to have a liaison with journal group).
- Discussion – some issues related to our top conference citations into JSSC (from ISSCC and VLSI, for example) are not being counted within the impact factor calculation.
- Discussion – suggest to align approaches to author feedback, etc.

#### 10:15 [Education Committee Report -- Ali Sheikholeslami/Filip Tavernier](#)

- Went through the committee roster.
- Went through the quad chart, highlighting the accomplishments in yellow.
- See the presentation for all the details.
- Positive comments on the Arduino contest going well. Suggests we look at the videos to get a sense of what the HS students are doing.
- Discussed the circuit insight program.
- Filip presented the brainstorming ideas, slide 32.
- Discussion – consider adding an FPGA design contest.

#### 10:45 [Membership Committee Report -- Makoto Ikeda](#)

- Went through the main presentation. 134 chapters in 2025, a record # → 1000 events.
- We saw a slight drop in membership on the January date but we are recovering slightly.
- Looked at all the numbers in slide 5. CAS rep talked about their numbers.
- Discussion – look at “membership multipliers” and give free membership to people who can bring many other new people.

**11:00 Chapters presentation -- Alvin Loke**

- Went through the accomplishments of quad chart.
- Went through each slide and discussed what was on slides, so refer to presentation.

**11:20 Women in Circuits presentation -- Zeynep Deniz**

- Target is 30% representation by 2030.
- 11 kids/day registered for the ISSCC childcare program
- Discussed 2025 plan for WiC. Lots of events are planned.

**11:40 YP presentation -- Korkut Tozgoz**

- Discussed a need for volunteers for mentoring events.
- Going to start a YP column in SSC Mag. called "Solid Stories".
- Presented WYE content, would like help for suggesting topics and participating.
- Chronus online mentoring platform, need to convince more mentors to join.

**12:00 Lunch Break**

**13:00 Publications Committee Report -- Shanthi Pavan**

- JSSC is 8<sup>th</sup> highest IEEE publication in 2024, 472 regular submissions in 2024
  - i) JSSC AE names are masked from the authors.
  - ii) Fine tuning to JSSC best paper award. Will have a new Best student paper award and test of time award (10+ years old).
  - iii) Eliminating print version, page limit still exists
- SSCS Mag – no. 3 in IEEE for magazines
  - i) Will switch to an editorial board model rather than advisory board
- Open JSSCS -- 48 papers received, 35 accepted. Time to decision 51 days
- SSCL -- IF = 2.2.
  - i) Published 91 in 2024. 44% acceptance rate. Average 68 days to decision.
  - ii) Having a SSCL-ISSCC companion paper. Expect 30% new material.
- JxCDC , IF=2, 20 articles published in 24,
- RF Virtual Journal is retired. New proposal in works. Looking for volunteers for this mag.

**13:00 Fellow Search Committee Report -- Wanda Gass**

- Went over the quad chart and the charter of the committee. 9 members
- Question asked about whether SSCS gives feedback to those unsuccessful. Wanda said it is possible but not done now.

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**13:45** [Treasurer's Report -- Kathy Wilcox](#)

- 2024
  - i) \$524K Surplus in 2024, \$317k higher than YTD budget.
  - ii) \$142k spent on projects.
  - iii) Our surplus nets \$382k for reserves.
- 2025
  - i) Copy of 2024, no more 3%/50% project funding.



**14:00** [Councils, Communities, and Initiatives Report -- Daniel Friedman](#)

- See the slides for all the details

**14:15** [TC-OSE Report -- Mehdi Saligane](#)

- See the slides for all the details

**14:30** Break

**14:45** [SSCD Report -- Kaushik Sengupta/Payam Heydari](#)

- Quad chart has the key details.
- Gave summaries on all their workshops organized so far

**15:00** [Nominations Committee Report -- John Long](#)

**15:05** [IEEE Foundations Report -- Eileen Heltzer](#)

- Reviewed the donations and funds that SSCS has received.
- James Meindel – needs to be spent this year
- Brokaw award is under utilized, this is spend to deplete
- See the slides for more of the details on each

**15:20** [Retreat recap -- Bill Bowhill, Daniel Friedman](#)

- Went through the spreadsheet of all the action items
- Discussion – request to focus on a communication strategy, inward and outward. Suggestion that we need a meeting. Some people discussed LinkedIn.

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**15:45** New Business Discussion, All

**15:55** Financial Implications Report, Kathy Wilcox

- 2025 \$126k
- 2026 \$44.85k

**16:00** Adjourn

## Meeting Agenda

**Time zone is Pacific Standard Time (GMT-08:00)**

#	Time	Type	Presenter	Agenda Item
1	09:00	Procedural	Brian Floyd	Housekeeping and roll call
2	09:08	Discussion	Bill Bowhill	President's Welcome
3	09:45	Report	Alessandro Piovaccari	Conferences Report
4	10:15	Report	Ali Sheikholeslami, Filip Tavernier	Education Report
5	10:45	Report	Makoto Ikeda	Membership Report
6	10:45	Report	Alvin Loke	Chapters Report
7	10:45	Report	Zeynep Deniz	WiC Report
8	10:45	Report	Korkut Tokgoz	YP Report
9	11:30	Report	Shanthi Pavan	Publications Report
10	12:00	Procedural	All	Lunch
11	13:00	Report	Wanda Gass	Fellow Search Report
12	13:31	Motions	Team	Motions
13	13:45	Report	Kathy Wilcox	Treasurer's Report
14	14:00	Report	Daniel Friedman	Councils, Communities, and Initiatives
15	14:15	Report	Mehdi Saligane	TC-OSE Report
16	14:30	Procedural	All	Break
17	14:45	Report	Kaushik Sengupta, Payam Heydari	SSCD Report
18	15:00	Report	John Long	Nominations Committee Report
19	15:05	Report	Eileen Heltzer	IEEE Foundation
20	15:20	Discussion	Bill Bowhill, Daniel Friedman	Retreat Recap
21	15:45	Discussion	All	New Business
22	15:55	Report	Kathy Wilcox	Financial Implications
23	16:00	Procedural	All	Adjourn