

# IEEE Solid-State Circuits Society Administrative Committee Meeting Minutes

**Monday, June 9, 2025**

**Kyoto, Japan**

Rihga Royal Hotel and Virtual via Webex

## **ATTENDEES**

### **VOTING MEMBERS PRESENT:**

Bill Bowhill  
Dan Friedman  
Brian Floyd  
Kathy Wilcox  
John Long  
Makoto Ikeda  
Carlos Tokunaga  
Zeynep Toprak Deniz  
Junghwan Choi  
Pieter Harpe

Tim Piessens  
Ping-Hsuan Hsieh  
Danilo Manstretta  
Kenichi Okada  
Alessandro Piovaccari  
Shanthi Pavan  
Makoto Takamiya  
Eugenio Cantatore  
Woogeun Rhee  
Manuel Delgado-Restituto

### **VOTING MEMBERS ABSENT:**

Alicia Klinefelter  
Chris Mangelsdorf  
Nadine Collaert  
Maurits Ortmanns

Filip Tavernier  
S. Zeynep Lulec  
Ali Sheikholeslami

### **NONVOTING MEMBERS PRESENT:**

Alvin Loke  
Mehdi Saligane  
Boris Murmann  
Farhana Sheikh

Payam Heydari  
Trudy Stetzler  
Bruce Hecht

### **STAFF:**

Adam Greenberg  
Aeisha VanBuskirk

Alec Antunes

## SUMMARY OF MOTIONS

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

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

**Motion 3:** To Approve up to \$250,000 to support new and ongoing initiatives in 2026, subject to the following: adherence to IEEE spending guidelines and acceptance of each initiative and its corresponding funding by AdCom in its 2026 budget vote. The motion was made by Kathy Wilcox and seconded by Dan Friedman. **The motion passed.**

**Motion 4:** To Approve up to six APC waivers for OJ-SSCS each year from 2026-2028 . The motion was made by Shanthi Pavan and seconded by Bill. **The motion passed.**

**Motion 5:** To endorse AdCom appointment of a candidate to fill the vacant 2024-2026 Member-at-Large position to the end of 2026. The motion was made by John Long and seconded by Dan. **The motion passed.**

**Motion 6:** To confirm the following slate of candidates for the SCS AdCom Members-at-Large election in 2025 (2026-2028 term): Massimo Alioto, Ulkuhan Guler, Chris Mangelsdorf, Yun-Shiang Shu, Ken Takeuchi, Kea-Tiong (Samuel) Tang, Jerald Yoo, Milin Zhang, Minoru Fujishima (first alternate), Jongwoo Lee (second alternative). The motion was made by John Long and seconded by Bill. **The motion passed.**

**Motion 7:** To select candidates to fill the vacant 2024-2026 Member-at-Large position to the end of 2026 from the alternate pool in the current MAL slate. The motion was made by John and seconded by Dan. **The motion passed.**

**Motion 8:** To elect Makoto Ikeda SCS Vice President for 2026-2027 term. The motion was made by John Long. **The motion passed.**

**Motion 9:** To elect Daniel Friedman SCS President-Elect (for remainder of 2025)/President (for 2026-2027). The motion was made by John Long. **The motion passed.**

**Motion 10:** To authorize CICC to apply for CASS technical co-sponsorship. The motion was made by Alessandro. **The motion passed.**

**Motion 11:** To establish Chapter budget of \$188k as new baseline Chapters budget for 2026 and subsequent years (which includes \$30k contingency fund subject to President and Treasurer approval, e.g., for unplanned subsidy requests). The motion was made by Alvin. **The motion passed.**

**Motion 12:** To establish supplementary Chapter budget of \$76k for 2026 and subsequent years to support additional pre-college and college outreach activities (e.g., INSPIRE program) complementary to other Society activities (which includes \$10k contingency fund subject to President and Treasurer approval). The motion was made by Alvin. **The motion passed.**

**SPRING ADCOM MEETING NOTES**  
**Monday, June 9, 2025:**

**13:30 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=19424>

**13:33 Roll Call – Brian Floyd**

- A quorum was present

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

The Consent Agenda is as follows:

- a) Approve Winter 2025 Minutes
- b) Approve Fellow Evaluation Committee for the Class of 2027
- c) Extend CAFE TCS beyond 2025 (length dependent on what comes out of committee)
- d) Extend BCICTS TCS beyond 2025 (length dependent on what comes out of committee)
- e) Extend VLSI-TSA TCS to span 2026-2028 (dependent on presenter availability for Conferences Committee)

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

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

- Dennis Sylvester, JSSC EIC is retiring, Boris Murmann is new EIC
- Rabia Yazicigil is stepping down as member-at-large 2024-2026
- An update was provided on IEEE's progress with implementing changes to the policies and language supporting the IEEE Collaboration and Engagement Committee and corresponding programs, and how this will be supported by SSCS. The SSCS ad hoc committee was disbanded in favor of collaboration and engagement being absorbed into our core activities; there was no activity from the ad hoc for the past 18 months.
- The TAM for SSCS, evaluated using AI tools – postgrads = 10k or so, undergrads, 100k or so, high-schools for STEM 600k or so. In total, this is many people. The initiative we have, such as Arduino, is good, scales with some challenges. We will be looking into how to collaborate with other societies to have more initiatives.
- Funding – Strategic projects now funded out of current year operational budget. We are now allowed to have a small loss, ~1%, of reserves, in operations, provided expenditures are strategic.
- Showed example slide on how to advertise about joining SSCS.

**14:00 Treasurer's Report – Kathy Wilcox**

- April 2025 effective bottom line is ~\$220k compared to \$206.5k actual in April 2024.
- 2025 also will not have \$166k VLSI net

- Kathy and Adam will propose an overall investment target for strategic projects, and specific project proposals will be voted on in future meetings. The group also agreed to develop a more detailed view of spending across programs, including student travel, and to create metrics for evaluating ongoing projects. Dan suggested reviewing operationalized projects to determine if they should continue or be sunset.
- Preliminary financial applications – \$250k blanket project funding, \$40k chapter budget contingencies, \$15k OJ-SSCS APC support. → up to \$305k

**Motion 3:** To Approve up to \$250,000 to support new and ongoing initiatives in 2026, subject to the following: adherence to IEEE spending guidelines and acceptance of each initiative and its corresponding funding by AdCom in its 2026 budget vote. The motion was made by Kathy Wilcox and seconded by Dan Friedman. **The motion passed.**

**14:20** [Conferences Committee Report -- Alessandro Piovaccari](#)

- Financially Sponsored Conferences are doing well. All are seeing strong increases in submissions from Asia.
- Very successful CHISIC workshop. Initiatives to expand in Latin America.
- Tactical plan – prepared Google drives for data retention of conferences. Also, have more technical events. Expanding outreach into Africa, but not sure where to start. Bill suggested Paul Cunningham from IEEE on how to proceed.
- Some discussion on how to archive best practices across all SSCS tasks.
- A new member added to the Conferences Committee = Eric Soenen
- Question on visa issues impacting future conferences. China visas may be hard to obtain. Response is that ISSCC is starting to look and is concerned. Team should also look at what IEEE is doing across the board. A comment raised that main recommendation will be that it will take longer to get a visa, so open up the registration earlier and notify authors earlier.

**14:40** [Publications Committee Report -- Shanthi Pavan](#)

- Not a lot to report since the last ADCOM meeting. Impact factors for OJ-SSCS and SSCS Mag expected in June.
- JSSC: Dennis Sylvester will retire from EiC on July 31 2025. Boris Murmann starts Aug 1, 2025.
- SSCS Mag: impact factor should come June 2025.
- JxCDC: new EiC term begins Jan 2026.
- OJ-SSCS: EiC is Woogeun Rhee, will soon get impact factor, expect 32 papers in 2025.
- SSCL: doing well. Remains fastest way to publication within SSCS.
- Question on Clarivate refusing to index ISSCC. Meetings are being held. Waiting for feedback from IEEE. Shanti says it will take a while.

**Motion 4:** To Approve up to six APC waivers for OJ-SSCS each year from 2026-2028 . The motion was made by Shanthi Pavan and seconded by Bill. **The motion passed.**

**15:00** [Education Committee Report -- Filip Tavernier](#)

- Summary: 80 DL talks in 2024, 49 DL talks already/planned in 2025. Updated webinar committee operating well and monthly webinars continue to be well-attended. Arduino contest successful. Circuit insights well-established now with four editions in 2025.
- Lots of good details in the presentation, so please refer there for that information.

- Discussed the chart on DL items for consideration – DL budget/yr.
- Some discussion on how this new budget change could be structured. Maybe loosen up the rules and, rather than have to have the \$3k/DL limit, instead, just discuss the overall DL budget and give discretion to the chair to manage the budget. Suggestion that the \$500 increase per DL will still not be enough.
- Circuit contest committee for 2025 is being formed. Have seen a drop in number of submissions in 2024.

<BREAK>

**15:35 Membership Committee Report -- Makoto Ikeda**

- Membership numbers were stable, with challenges noted in maintaining active chapters and increasing younger generations' participation.
- SSCS is actively targeting engagement during a surge of new and student members, with a pilot “OnBoard” initiative underway to connect pre-college students via Chapters and future collaboration with First Robotics and an Arduino contest.
- A catalog of recommended chapter events and educational resources is being developed. Membership has reached its highest level since 2010 despite a decline in 2024.
- WiC efforts have led to improved representation and the introduction of childcare at ISSCC.
- Young Pros initiatives include online mentoring, a magazine column, and leadership grants.
- Chapter activities have expanded with a successful awards process & formation of new chapters.
- Discussion on how to increase participation in SSCS, given government investment in US and EU

**15:42 Chapters presentation -- Alvin Loke**

- The SSCS Chapters Committee reported record engagement in 2024, with 140 chapters and over 1,000 events, driven by new subsidy criteria and expanded outreach efforts.
- Six new chapters were formed in 2025, with additional petitions in progress.
- The committee emphasized student and pre-college outreach, including the “OnBoard” PCB workshop and the INSPIRE program, which aims to inspire students to pursue integrated circuits education.
- Recognition efforts included chapter awards and an expanded honor roll, while luncheons at major conferences provided networking and feedback opportunities.
- Budget allocations increased significantly for 2025, with a proposed baseline of \$188K for 2026 and a supplementary \$76K for outreach initiatives.
- The committee continues to promote collaboration and engagement with other SSCS programs like WiC, YP, and Education.

**15:50 Women in Circuits presentation -- Zeynep Deniz**

- Key Accomplishments
  - i) Successful mentoring and outreach events at major conferences (ISSCC, CICC).
  - ii) Continuation of the Family Care Program at ISSCC 2025.
  - iii) Contributions to SSCS Magazine across multiple issues, highlighting female scholars.
  - iv) Historic leadership milestones:
    - (1) Edith Beigné: First female ISSCC conference chair.
    - (2) Sugako Otani: First VLSI FE TPC chair.
    - (3) Marian Verhelst and Ulkuhan Guler: Upcoming TPC chairs for ISSCC and CICC 2026.

- Budget Highlights
  - i) 2025 budget: \$65K (actual spend: \$33.9K).
  - ii) 2026 approved budget: \$100K.
  - iii) Funding supports travel grants, luncheons, workshops, and family care initiatives at conferences like ISSCC, VLSI, CICC, A-SSCC, and ESSERC.
  - iv) Discussion on whether the budget needs to be specifically allocated to the different items or whether it can be used flexibly. Conclusion was that it could be flexible.

**16:00 YP presentation -- Korkut Tozgoz**

- The committee organized events at ISSCC, CICC, and VLSI, with A-SSCC planning underway.
- Despite declining engagement on the Chronus online mentoring platform (only 8 active connections from 77 users), efforts continue to revitalize participation.
- The Webinars for Young Excellence (WYE) program remains strong, offering career guidance and technical insights, with notable speakers and thousands of YouTube views.
- The committee also co-hosts mentoring events with WiC and EDS, including the VLSI 2025 panel luncheon and mentoring session.
- With 1,943 YP members in SSCS, the committee emphasizes structured event planning, data-driven impact measurement, and increased local volunteer support.
- Key initiatives include expanding the Distinguished Mentor Program and improving outreach and engagement metrics.

**16:05 Nominations Committee Report -- John Long**

- The Nominations Committee reviewed 21 candidates for the 2026 AdCom Members-at-Large election, selecting 10 (8 primary and 2 alternates.) based on various backgrounds and skillsets. The top 8 are undergoing IEEE legal vetting, with elections scheduled for Fall 2025.
- The committee proposed confirming Makoto Ikeda as SSCS Vice President for 2026–2028, recognizing his extensive IEEE service and current role as VP of Membership.
- Additionally, Daniel Friedman, current SSCS VP, was nominated as President-elect for 2025, citing his leadership roles and technical contributions.

**Motion 5:** To endorse AdCom appointment of a candidate to fill the vacant 2024-2026 Member-at-Large position to the end of 2026. The motion was made by John Long and seconded by Dan. **The motion passed.**

- Note: lots of discussion held on the pros and cons of this approach and how to run the election.

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**16:35** [Councils, Communities, and Initiatives Report -- Daniel Friedman](#)

- Infrastructure improvements included a tracking spreadsheet for MOUs, a repository for agreements, and a new process for SSCS Magazine contributions.
- Secondary representatives were added to support communication and content generation. Engagements expanded with new reps for Nanotechnology and Blockchain, and joint activities with SSC-D and CEDA are underway, including education outreach and event planning.
- SSCS contributes \$38.5K annually to support 5 councils and 6 active communities, with participation stats showing varying levels of SSCS member involvement across technical areas.
- Key actions include updating documentation, budgeting clarity, and enhancing onboarding materials. Collaborative efforts with CEDA and biometrics are progressing, with plans for workshops and joint publicity.

**16:45** [TC-OSE Report -- Mehdi Saligane](#)

- The 2025 Chipathon, themed “Blocks & Bots,” introduces LLM-assisted design flows, a digital design track, and the MOSbius playground for transistor-level experimentation.
- Despite challenges like the shutdown of eFabless, the committee secured free silicon from GlobalFoundries and continues to expand its outreach.
- Infrastructure improvements include a repository for agreements, a new contributor model with primary and secondary reps, and enhanced collaboration with CASS and EDS.
- Priority items include budgeting for future Chipathons, organizing hands-on hackathons at conferences, and launching a reward program for volunteers and mentors.
- A workshop titled “What’s Possible with Open-Source Chip Design?” is planned for VLSI 2025 to further promote community engagement.

**16:55** [SSCD Report -- Kaushik Sengupta/Payam Heydari](#) -- **POSTPONED**

**15:05** [Student Outreach Ad Hoc – Farhana Sheikh](#)

- The committee has confirmed 14 members and identified regional gaps, completed student survey analysis, and proposed five key initiatives: a Student Resource Center, conference outreach events, expanded Student Travel Grant Awards (STGAs), local outreach via mini Circuit Insights and high-school visits, and support for design contests.

- The 2026 budget request totals \$65,000 to fund these programs.
- Survey feedback highlighted the need for hands-on workshops, career networking, undergraduate inclusion, and better awareness of SSCS offerings.
- Recommendations include electing student representatives to AdCom, formalizing the committee, and ensuring financial support for student leadership participation.
- The committee seeks to address both undergraduate and graduate needs and improve SSCS visibility and value among students.

**17:15 History Ad Hoc – Bruce Hecht**

**17:25 [SSCS Strategy 2026-2030 – Bill Bowhill](#)**

- The SSCS strategic planning process is evolving from the detailed 2016–2020 Grand Plan and the more concise 2020–2025 version toward a high-level, aspirational approach aligned with IEEE’s 2025–2030 one-slide plan.
- The proposal includes creating a summary slide per SSCS committee to serve as a directional “North Star.”
- Next steps involve monthly discussions with AdCom, updating SSCS’s mission, vision, and values, and requesting each committee to define goals for 2030. These updates will be reviewed during the Q4 virtual AdCom meeting.

**17:35 New Business and Open Discussion, All**

**17:55 Final Financial Implications Report--Kathy Wilcox**

- Same as the preliminary
- \$250k blanket project funding, \$40k chapter budget contingencies, \$15k OJ-SSCS APC support.  
→ up to \$305k for 2026

**18:00 Adjourn**

## Meeting Agenda

**Time zone is Japan Standard Time (JST)**

#	Time	Type	Presenter	Agenda Item
1	13:30	Procedural	Brian Floyd	Housekeeping and roll call
2	13:35	Motion	Bill Bowhill	Approve Consent Agenda
3	13:38	Motion	Bill Bowhill	Approve Action Agenda
4	13:40	Report	Bill Bowhill	President's welcome
5	14:00	Report	Kathy Wilcox	Treasurer's report
6	14:20	Report	Alessandro Piovaccari	Conferences Committee
7	14:40	Report	Shanthi Pavan	Publications Committee
8	15:00	Report	Filip Tavernier	Education Committee
9	15:20	Procedural	All	Break
10	15:35	Report	Makoto Ikeda, Subcom Chairs	Membership Committee
11	16:05	Report	John Long	Nominations Committee
12	16:35	Report	Dan Friedman	Councils, Communities and Initiatives
13	16:45	Report	Mehdi Saligane	Technical Committee on the Open-Source Environment
14	16:55	Report	Heydari & Sengupta	Solid-State Circuits Directions
15	17:05	Report	Farhana Sheikh	Student Outreach Ad Hoc
16	17:15	Report	Bruce Hecht	History Ad Hoc
17	17:25	Info	Bill Bowhill	SSCS strategy 2026-2030
18	17:35	Discussion	All	New Business/Open Discussion
19	17:55	Report	Kathy Wilcox	Final financial implications
20	18:00	Procedural	Bill Bowhill	Adjourn