

IEEE Solid-State Circuits Society Administrative Committee

Sunday, February 11, 2018
San Francisco, CA

ATTENDANCE

Voting Members Present

Emre Ayranci	Azita Emami	John Long	Stefan Rusu
Edith Beigne	Terri Fiez	Franco Maloberti	Ali Sheikholeslami
Mike Beunder	Daniel Friedman	Bram Nauta	Vivienne Sze
Bill Bowhill	Wanda Gass	Ken O	Jan Van der Spiegel
John Corcoran	Payam Heydari	Shanthi Pavan	Alice Wang
Jan Craninckx	Hideto Hidaka	Behzad Razavi	Zhijia Wang
			Patrick Yue

Voting Members Absent

Tadhihiro Kuroda

Non-Voting Members Present

Bryant Ackland	Bruce Hecht	Tom Lee
Bill Bidermann	Dave Hodges	Aarno Parssinen
Andrea Cathelin	Makoto Ikeda	Jeffrey Walling
Anantha Chandrakasan	Rakesh Kumar	Ian Young

Non-Voting Members Absent

Jake Baker	Dick Jaiger	Lew Terman
Christian Enz	Stephen Kosonocky	Phillip Wong
Ramesh Harjani	Earl McCune	Bruce Wooley
Hadi Heidari	Willy Sansen	

Guests

Pavan Honumolu
Kofi Makinwa
Roland Thewes

SSCS Staff

Mike Kelly	Abira Sengupta
Lauren Caruso	Alicia Tomaszewski

SUMMARY OF MOTIONS

- Motion 1:** To approve the Meeting Agenda presented by President Nauta, with a second by Ayranci. **Motion passed.**
- Motion 2:** To approve the meeting minutes of the Summer AdCom held in June 2017. Motion was presented by President Nauta with a second by Ayranci. **Motion passed.**
- Motion 3:** To advance 600k to support ISSCC 2019. **Motion passed.**
- Motion 4:** To support ISSCC Executive Chair Succession Process. **Motion passed.**
- Motion 5:** To support DAC TCS Renewal for 5 Years. **Motion passed.**
- Motion 6:** To support DATE TCS Renewal for 5 Years **Motion passed**
- Motion 7:** To advance 60k to support CICC 2019. **Motion passed.**
- Motion 8:** To increase the print subscription price of SSCS publications to cover the cost of printing and mailing (e.g., Journals). **Motion passed.**
- Motion 9:** To charge for overlength pages in our publications. (Currently, the Society does not charge for extra pages.) **Motion passed.**
- Motion 10:** To support the 2019 JSSC page budget proposal of 3600 pages (12k). **Motion passed.**
- Motion 11:** To keep the page budget of the SSC Magazine the same as last year. **Motion passed.**
- Motion 12:** To adjust (increase) the 2018 Membership budget from 20k to 27.5k. **Motion passed.**
- Motion 13:** To approve 2019 Membership budget of 27.5k. **Motion passed.**
- Motion 14:** To increase the webinar budget for 2018 by 15k for a total of \$25k. **Motion passed.**
- Motion 15:** To increase 2019 regular chapter budget by 10k over the 2018 budget. **Motion passed.**
- Motion 16:** To keep the 12k budget for Young Professionals and Student Committee events. **Motion passed.**
- Motion 17:** To seek SSCS approval for industry support on ISSCC student travel grants and Bay Area networking event. **Motion passed.**
- Motion 18:** To approve 2019 Women in Circuits budget of 17k (covering another four Student Travel Grants up to \$500 each). **Motion passed.**
- Motion 19:** To approve 2k for RFID membership for 2018 budget. **Motion passed.**
- Motion 20:** To approve 15k additional funding for CICC to use for conference rejuvenation. **Motion passed.**

Motion 21: To increase the Education budget by 50k for 2019. **Motion passed.**

Motion 22: To approve creation of new Technical Field Award in amount of 15k.
Motion approved.

Motion 23: To adjourn the AdCom meeting at 5:22 PM. Motion was presented by President Nauta with a second by Ayranci. **Motion passed.**

MEETING NOTES

PRESENTATIONS CAN BE FOUND AT: <HTTPS://TAWAPPS.IEEE.ORG/MPT/AGENDA.ASPX?EID=10975>

1. PRESIDENT'S WELCOME**Bram Nauta**

SSCS President Bram Nauta opened the meeting and welcomed everyone. As this was his first AdCom, he introduced himself. He spoke about the Society's mission and the achievements it has made over the past two years. A roll call was taken by Secretary, Ayranci, and it was determined there was a voting quorum. Nauta then introduced the new Members-at-Large for the 2018-2020 term. He presented certificates and plaques to recognize and thank the outgoing Members-at-Large, Officers and Committee Chairs for their service. Nauta also announced the next AdCom meeting which will be held in Dresden, Germany on Friday, September 7, 2018 in conjunction with ESSCIRC.

2. APPROVE AGENDA**Bram Nauta**

President Nauta presented the agenda for the meeting. No changes were proposed. The agenda was accepted.

Motion 1: To approve the meeting agenda presented by President Nauta with a second by Ayranci. Motion passed.

3. APPROVAL OF PRIOR MEETING'S MINUTES**Bram Nauta**

President Nauta presented a motion to approve the minutes of the prior Summer AdCom held in June 2017. There was a second by Ayranci. Motion passed.

Motion 2: To approve the meeting minutes of the Summer AdCom held in June 2017. Motion was presented by President Nauta with a second by Ayranci. Motion passed.

4. TREASURER'S REPORT**Wanda Gass**

Although 2017 financials are not quite final, SCS is leaning towards showing a year-end of:

- o 2017 Reserves: ~7M
- o 2017 Net Surplus: ~100k

The 2018 budget has already been finalized and was presented with a surplus of 115k (without initiatives) and a potentially small deficit (if all initiatives materialize).

5. MEETINGS COMMITTEE REPORT**Bill Bowhill**

Bowhill spoke about Conferences said they that while all conferences give discounts for SCS Students, PhD Support and Student Travel, the process instructions communicated to those involved need improvement. The progress since the Summer AdCom meeting includes:

- o Drafting a Meetings Committee Manual
- o Formation of 2018 Meetings Committee
- o IEEE Managed Distribution Lists availability
- o Documenting Goals of Technical Co-Sponsorship
- o Building a Database of current MOU's

Bowhill spoke about conference collaboration topics such as:

- VLSI – Evaluating Mobile Conference Guidebook Apps.
- Aligned Registration and Student Support
- IEEE MCE (meetings conferences and event team)
- ML/AI driving paper growth in Digital
- Industry papers declining – new session formats, paper content

The commit also discussed the Goals of TCS Conferences. There has also been talk about getting additional support of 15k to launch CICC in San Diego in 2018 as well as an additional 5K for PhD student initiatives for 2018 and 2019 each. There was a discussion on whether 8k for the closing ceremony is the best use of the budget. While a motion was started, it was decided to table it until the financial implications presentation at the end of the meeting.

Additional Budget Requests:

- Support of 15k to launch CICC in San Diego 2018 (one time Budget)
- New initiatives:
 - 5k for video taping (short clips) for Best Paper Award Finalists and uploading them to IEEE.tv
 - 8k for activities at closing ceremony
 - 2k Advertisement to local companies and universities in San Diego
- Request 5k to continue PhD student initiative at CICC 2018
- Request 5k to continue PhD student initiative at CICC 2019

Motion 3: Advance 600k to support ISSCC 2019. Motion passed (Request by Anantha)

Motion 4: Support ISSCC Executive Chair Succession Process. Motion passed.

Motion 5: DAC TCS Renewal For 5 Years. Motion passed.

Motion 6: DATE TCS Renewal For 5 Years Motion passed.

Motion 7: Advance 60k to support CICC 2019. Motion passed.

6. ISSCC

Anantha Chandrakasan

Chandrakasan gave a brief summary of ISSCC 2018. It was estimated that, for ISSCC 2018, attendance would be 3050. The anticipated surplus is 332k. The total paper contributions were 1600 and the total number of paper contributions was approximately 1600. As usual, SSCS members got a registration discount. There were 207 technical presentations and 53 demonstration sessions which are becoming a highlight of the conference, as well as, an industry showcase. SSCS sponsored Starbucks cards again this year - a perk that is always well received. ISSCC teamed with SSCS on student travel awards. The conference also provided WiFi to attendees. But as WiFi is expensive, it always needs to be negotiated to obtain the lowest price possible.

Chandrakasan explained the plan for the Executive Chair of future ISSCC's is to create a two-year position where the Chair will become a Vice-Chair to assist the current Conference Chair. So, Van der Spiegel will be the Chair for ISSCC 2019 and Chandrakasan will become the Vice-Chair.

After the presentation was done, President Nauta presented a special plaque to Chandrakasan to recognize him and thank him for his hard work, dedication and contributions to ISSCC over the years.

(At this time, President Nauta needed step out for Plenary/SRP rehearsals. Jan Van der Spiegel took over during his absence.)

7. PUBLICATIONS COMMITTEE

John Long

Craninckx gave an update on JSSC whose page count totaled 3580 in 2017. While Browzine is a good product, it was decided that it would be discontinued in 2019 as very few people seem to be taking advantage of it. Regarding Xplore, there has been 10-20% more downloads in 2017. The impact factor is higher than last year as well at 4.18.

Razavi gave a presentation on SSC-L, our newest online publication. While a little late in the year, it was launched in October 2017. It is a fast-turnaround journal dedicated to disseminating novel ideas in the area of integrated circuit design.

Due to a time issue, Long presented the status on the remaining SSCS publications on behalf of the remaining EIC's.

Motion 8: To increase the print subscription price of SSCS publications to cover the cost or substantially offset the cost of printing and mailing (e.g., Journals). Motion passed.

Motion 9: To charge for over-length pages in our publications. (Currently, the Society does Not charge for extra pages.) Motion passed.

Motion 10: 2019 JSSC page budget proposal 3600 pages. Motion passed.

(At this time, President Nauta returned and took over as the Chair of the meeting.)

8. MAGAZINE ADVISORY COMMITTEE

Rakesh Kumar

Kumar gave a brief presentation on the SSC Magazine and presented the motion to keep the magazine page count the same as last year.

Motion 11: To keep the page budget of the SSC Magazine the same as last year. 400 pgs.

9. MEMBERSHIP COMMITTEE

Patrick Yue

Yue explained that overall membership trends for IEEE indicate that membership is decreasing. Graduate student member numbers, however, have increased by 200 plus. Overall, SSCS membership increased. Ours is the only Society in the Division with increased membership. Over the last few years, the area in which we see the most growth of student members is in Region 10. WiC members increased, in addition to overall IEEE WIE member numbers.

Motion 12: To adjust (increase) the 2018 budget from 20,000 to 27,500. Motion passed.

Motion 13: To approve 2019 Membership budget of 27,500. Motion passed

BREAK AND GROUP PHOTO

10. EDUCATION/DL PROGRAM**Ali Sheikholeslami**

Sheikholeslami presented the Education Committee and DL activities. The main activities currently are DL talks, Webinars, SSCS MOOC's, Circuit Contests, CONFedu, and SSCS Books.

There were 85 DL talks held in 2017. We have 15 new Distinguished Lecturers who are now posted on the SSCS Website. Sheikholeslami reviewed the nomination process for these results. We held 11 webinars over the past year. All are available on the Resource Center.

IEEE has now started to charge separately for Webex use – thus increasing the cost to perform webinars – reflecting in additional budget requests.

Motion 14: Increase the webinar budget for 2018 by 15k for a total of \$25k. Motion passed.

11. CHAPTERS COMMITTEE**Stefan Rusu**

Part of our Strategic plan is growing the number and quality of student chapters with support of YP events. Currently, we have 108 Chapters. The largest concentration of Chapters is now located in Asia. There are 49 single Chapters, 41 Joint Chapters and 18 Student Branch Chapters.

The two goals we are concentrating on are (1) Grow the number and quality of Student Branch Chapters and (2) Improve the number and quality of Chapter events. To do this, we need to reinvigorate the leadership of some of our Chapters.

The winner of the Outstanding Chapter of the Year Award was announced to be the SSCS Beijing Chapter.

Motion 15: To increase 2019 regular chapter budget by \$10K over 2018.
Motion passed

12. NOMINATIONS COMMITTEE**Jan Van der Spiegel**

Van der Spiegel, the new Nominations Chair, requested nominations for the AdCom. He hopes to finalize the slate by mid-April. He reminded everyone that the goal of the Nominations Committee is to rotate 1/3 of the AdCom's Members-at-Large (five per year). The election is held in the Fall and election results are finalized before the end of year.

(At this time, it was announced that an email would be sent out to everyone for those interested in signing up to work on a specific Committee.)

13. AWARDS**John Corcoran**

One of the goals is to increase the number of SSCS Fellow promotions each year. This year, we had 19 Predoctoral Achievement Award winners. The position of Guardians is being discontinued and those functions/responsibilities will move back to the respective Committees.

Corcoran brought up the idea of creating a new Technical Field Award, a new SSCS Service Award, and gave some ideas for Membership Appreciation Gifts and other potential Recognition Programs. Funds for a new TFA are already in the budget, so new funding would not need to be requested.

14. SUPPORTED COUNCILS & INITIATIVES BRIEFINGS**Bram Nauta**

President Nauta gave a brief introduced of the new support councils and initiatives briefing methodology.

15. IoT INITIATIVE**Andreia Cathelin**

President Nauta presented for Cathelin. The IoT Initiative must be transitioned as a whole, so its identity and scope is maintained. Assets to include, but not limited to, are IoT Web Portal, IoT eNewsletter, WF-IoT Conference Series and IoT Technical Community. We will follow the open inclusive model utilized by the other Initiatives that have transitioned where all societies/councils/OU's are given the opportunity to participate for the particular organization's role. The final community model will be one agreed to by all participants.

16. 5G INITIATIVE**Aarno Parssinen**

Parssinen presented the status the 5G Initiative. There have been some societies in the follow-up mode. One concern is that it is difficult to find people to participate in the various committees for this initiative.

17. YOUNG PROFESSIONALS COUNCIL REPORT**Emre Ayranci**

The YP Events held at many of the SCS sponsored conferences have been very successful. The Mentoring Database and pilot program of matching SCS mentors to mentees has also started and is showing promise as well. The Mentoring Database will use Collaboratec and will be a members-only benefit reaching out to all SCS members.

Motion 16: To keep the 12k budget for Young Professionals and Student Committee events. Motion passed.

18. WOMEN IN CIRCUITS COMMITTEE**Alice Wang/Edith Beigne**

Wang announced that female membership has increased. She is looking into journal databases in the hopes she can continue increase the SCS Female membership. Wang provided statistics for WIE networking events at ISSCC and would like to have another event in the San Francisco Bay Area and Beijing. Verbauwheide will be attending the 2018 Women in Engineering Conference in May.

Motion 17: Seek SCS approval for industry support on ISSCC student travel grants and Bay Area networking event. Motion passed.

Motion 18: To approve 2019 Women in Circuits budget of 17k (covering another four Student Travel Grants up to \$500 each). Motion passed.

19. CASS REPRESENTATIVE**Franco Maloberti**

Maloberti presented CASS events and possible collaboration ideas He let everyone know there is a new President for CASS. The new President has better knowledge/experience, which is beneficial between the two Societies (SCS and CASS). CASS has an initiative to review CASS activities for possible expansion. The plan is to increase the budget of the Journals and increase the use of Joint Chapters for some events. Maloberti made known that CASS is willing to coordinate with SCS on different events.

20. EDA COUNCIL**Ackland/Tiwari**

Ackald spoke about the EDA Council. Financial points include a projected surplus of 159k at the end of 2017 and reserves of 1.95M at end of 2016. The 2018 budget is showing a surplus of 60k. The publication, Trans. on CAD generates significant income. The page count for all publications significantly increased in 2018. EDA Council financially sponsors 15 conferences and workshops and Technically Co-Sponsors 10 conferences. All conferences are profitable and stable, but little growth is projected. Bryan also presented some new initiatives and the 2017 award recipients.

21. BIOMETRICS COUNCIL**Bruce Hecht**

Hecht talked about the BioMetrics Council goals which includes serving member societies and the BioMetrics technical community, supporting educational activities, providing a mechanism to disseminate technical content and collaborating with our member societies. The BioMetrics Council sponsors a number of conferences and is currently looking into creating a new Journal, The IEEE Transactions on BioMetrics.

22. SENSORS COUNCIL**Hadi Heidari**

Heidari did not attend the AdCom meeting, so there was no report for this subject.

23. COUNCIL ON RFID**Jeffrey Walling**

Walling talked about the theory and practice of matters relating to RFID and RFID related systems. He provided a list of the member benefits as well as assets of the Council related to publications, conferences, and technical committees. He also discussed the CRFID Education Mega-Challenge currently underway.

Motion 19: To approve 2k for RFID membership for 2018 budget. Motion passed

24. STRATEGIC DISCUSSION**Bram Nauta**

The Strategic discussion has been moved to the Summer AdCom due to time constraints.

25. FINANCIAL IMPLICATIONS OF THIS MEETING**Wanda Gass**

Gass summarized the motions from the meeting and their financial implications. Based on her review, it was determined the following was feasible for SSCS to approve:

2018 Updates

15k	for CICC rejuvenation
5k	for STGA for CICC (in initiative already?)
12k	100 page increase for JSSC
	Overpage charges (increase rev)
	Increase cost of print for JSSC (increase rev)
7.5k	for student membership
15k	for webinars
15k	for field award (not used this year)
2k	for RFID membership
41.5k	Total increase in 2018 budget

Regarding the 2019 budget, Gass presented the following increases:

2019 Budget Increases

- 50k increase for Education
- 7.5k increase for Student Growth
- 5k increase for WiC
- 10k increase for chapters
- 2k for RFID
- 69.5k **Total increase over 2018 budget**

Motion 20: To approve 15k additional funding for CICC to use for conference rejuvenation.
Motion passed.

Motion 21: To increase the Education budget by 50k for the 2019 budget. Motion passed.

Motion 22: To approve creation of a new Technical Field Award for 15k.
Motion approved.

26. ADJOURNMENT

Bram Nauta

President Nauta made a motion to adjourn the meeting with a second by Ayranci.

Motion 23: To adjourn the AdCom meeting at 5:22 PM. Motion passed.

MEETING AGENDA

Sched	Submitter	Type	Presenter	Topic
12:00	SSCS AdCom	Info		Lunch
13:00	SSCS AdCom	Info	Bran Nauta	President's Welcome
13:10	SSCS Par	Motion	Bram Nauta	Approve Agenda
13:15	SSCS AdCom	Motion	Bram Nauta	Approval of Prior Meeting's Minutes
13:20	SSCS AdCom	Report	Wanda Gass	Treasurer's Report
13:35	SSCS Mtgs. Committee	Report	Bill Bowhill	Meetings Committee
13:50	SSCS Mtgs. Committee	Report	Anantha Chandrakasan	ISSCC
14:00	SSCS Pubs Committee	Report	John Long	Publications Committee
14:15	SSCS Pubs Committee	Report	Rakesh Kumar	Magazine Advisory Committee
14:20	SSCS Mem	Report	Patrick Yue	Membership Committee
14:35	SSCS Par	Proc	Bram Nauta	BREAK
14:45	SSCS AdCom	Report	Ali Sheikholeslami	Education DL Program
15:00	SSCS CC	Report	Stefan Rusu	Chapters Committee
15:15	SSCS AdCom	Report	Jan Van der Spiegel	Nominations Committee
15:25	SSCS AdCom	Motion	John Corcoran	Awards
15:35	SSCS CR	Report	Bram Nauta	Supported Councils & Initiatives briefings
15:40	SSCS CR	Report	Andreia Cathelin	IoT Initiative
15:45	SSCS CR	Report	Aarno Parssinen	5G Initiative
15:50	SSCS Mem	Report	Emre Ayranci	Young Professionals Council Report

15:55	SSCS CR	Report	Edith Beigne	Women in Circuits Committee
16:00	SSCS CR	Report	Franco Maloberti	CAS Representative
16:05	SSCS CR	Report	Ackland / Tiwari	EDA Council
16:10	SSCS CR	Report	Bruce Hecht	Biometrics Council
16:15	SSCS CR	Report	Hadi Heidari	Sensors Council
16:20	SSCS AdCom	Report	Jeffrey Walling	Council on RFID
16:25	SSCS AdCom	Disc	Bram Nauta	Strategic Discussion
16:55	SSCS AdCom	Info	Wanda Gass	Financial Implications of this Meeting
17:05	SSCS AdCom	Proc	Bram Nauta	Adjournment