

**IEEE Solid-State Circuits Society**  
**Administrative Committee**  
Sunday, February 16, 2020  
San Francisco, CA

**ATTENDEES:**

**VOTING MEMBERS PRESENT:**

Edith Beigne	Alvin Loke
Bill Bowhill	John Long
Alison Burdett	Kenneth O
Andreia Cathelin	Kofi Makinwa
Eugenio Cantatore	Makoto Nagata
John Corcoran	Bram Nauta
Vivek De	Woogeun Rhee (Remote)
Azita Emami	Stefan Rusu
Daniel Friedman	Ali Sheikholeslami
Wanda Gass	Dennis Sylvester
Payam Heydari	Vivienne Sze
Makoto Ikeda	Jan Van der Spiegel
Peter Lian	Kathryn Wilcox

**VOTING MEMBERS ABSENT:**

Patrick Yue

**NON-VOTING MEMBERS PRESENT:**

Jan Craninckx	Earl McCune
Hideto Hidaka	Ramin Poorfard
Pavan K. Hanumolu	Behzad Razavi
Dave Hodges	Lew Terman
Bruce Hecht	Ian Young
Dick Jaeger	Jeffrey Walling
Rakesh Kumar	

**NON-VOTING MEMBERS ABSENT:**

Bryan Ackland	Wai Lee
Christophe Antoine	Zeynep Lulec
Jake Baker	Aarno Parssinen
Bill Bidermann	Willy Sansen
Christian Enz	Vivek Tiwari
Stephen Kosonocky	Alice Wang
Tom Lee	Hua Wang

Bruce Wooley  
Phillip Wong

Hoi-Jun Yoo

**STAFF:**

Mike Kelly (Remote)  
Abira Altvater  
Alicia Tomaszewski  
Megan Cichocki

## SUMMARY OF MOTIONS

**MOTION 1:** To approve the Meeting Agenda. This motion was presented by Kenneth O, with a second by Bill Bowhill. **Motion Passed.**

**MOTION 2:** To approve the meeting minutes of the previous AdCom Meeting. This motion was made by Kenneth O, with a second by Ali Sheikholeslami. **Motion Passed.**

**MOTION 3:** To advance \$600K to support ISSCC 2021. This motion was made by the Conferences Committee. **Motion Passed.**

**MOTION 4:** To provide complimentary registration to 2021 ISSCC Rising Stars to increase female participation and attract young female students and post-docs. This motion was made by the Conferences Committee. **Motion Passed.**

**MOTION 5:** To advance \$60K to support CICC 2021. This motion was made by the Conferences Committee. **Motion Passed.**

**MOTION 6:** To support BioCAS TSC renewal for five years – 2020 – 2025. The motion was made by the Conferences Committee. **Motion Passed.**

**MOTION 7:** To support the 2021 page count budget decrease of 250 pages (from 720 to 580) for IEEE Solid-State Circuits Letters (SSC-L). The motion was made by the Publications Committee. **Motion Passed.**

**MOTION 8:** To allocate \$30K to the Open Journal of Solid-State Circuits (O-JSSC) as a project proposal in 2021. The motion was made by the Publications Committee. **Motion Passed.**

**MOTION 9:** To allocate \$6K expenses to the IEEE Journal on Exploratory Solid-State Computational Devices and Circuits (JxCDC). The motion was made by the Publications Committee. **Motion Passed.**

**MOTION 10:** To support the 2021 page budget of 400 pages for IEEE Solid-State Circuits Magazine (SSC-M). The motion was made by the Publications Committee. **Motion Passed.**

**MOTION 11:** To support the 2021 page budget of 3750 pages for the IEEE Journal of Solid-State Circuits (JSSC). The motion was made by the Publications Committee. **Motion Passed.**

**MOTION 12:** To support a budget of 4 issues for \$5K expenses of the RFIC Virtual Journal in 2021. The motion was made by the Publications Committee. **Motion Passed.**

**MOTION 13:** To appoint Leo Belostotski as Editor-in-Chief for IEEE Solid-State Circuits Magazine in 2020 for a five-year term (2021-2026). The motion was made by the Publications Committee. **Motion Passed.**

**MOTION 14:** To appoint Azad Naeemi as Editor-in-Chief for IEEE Journal on Exploratory Solid-State Computational Devices and Circuits (JxCDC) in 2020 for a three-year term (2020-2022). The motion was made by the Publications Committee. **Motion Passed.**

**MOTION 15:** To allocate \$35K for Student Member Enrollment & Enrichment for 2021 projects. The motion was made by the Membership Committee. **Motion Passed.**

**MOTION 16:** To allocate \$20K for Career Development & Online Mentorship for 2021 projects. The motion was made by the Membership Committee. **Motion Passed.**

**MOTION 17:** To allocate \$25K for Chapter Leadership Development for 2021 projects. The motion was made by the Membership Committee. **Motion Passed.**

**MOTION 18:** To allocate \$25K to the 2021 Society Awards Operating Budget. The motion was made by the Membership Committee. **Motion Passed.**

**MOTION 19:** To allocate \$13K to the 2021 Pederson Award Operating Budget. The motion was made by the Membership Committee. **Motion Passed.**

**MOTION 20:** To increase the Women in Circuits budget by \$1K to \$18K in operating budget to cover increased attendance for ISSCC 2020 Luncheon and ISSCC 2020 Rising Stars Program. Suggested that it be covered in ISSCC budget. This will result in \$10K decrease in Net for ISSCC. The motion was made by the Membership Committee. **Motion Passed.**

**MOTION 21:** To allocate \$18K to Women in Circuits in 2021 in operating budget. The motion was made by the Membership Committee. **Motion Passed.**

**MOTION 22:** To create a Technical Committee called Solid-State Circuit Directions (SSCD) and advance \$3K to support basic operation in year one. The motion was made by Boris Murmann with a second by Alvin Loke. **Motion Passed.**

**MOTION 23:** To advance \$12K to support exploratory activities of the Solid-State Circuit Directions (SSCD) Technical Committee in its first year. The motion was made by Boris Murmann with a second by Payam Heydari. **Motion Passed.**

**MOTION 24:** To advance \$20K to support the activities of the Solid-State Circuit Directions (SSCD) Technical Committee in 2021. The motion was made by Boris Murmann with a second by Eugenio Cantatore. **Motion Passed.**

**MOTION 25:** To appoint Boris Murmann as the Chair of the Solid-State Circuits Directions (SSCD) Technical Committee. The motion was made by Kenneth O with a second by Ali Sheikholeslami. **Motion Passed.**

**MOTION 26:** To increase the current Distinguished Lecture program budget by \$40K. The motion was made by the Education Committee. **Motion Passed.**

**MOTION 27:** To request a budget of \$151K for educational program and services in 2021 projects. The motion was made by the Education Committee. **Motion Passed.**

**MOTION 28:** To allocate \$95K for Chapters annual support for 2020. The motion was made by the Membership Committee. **Motion Passed.**

**MOTION 28:** To increase the SSCS staffing budget by up to \$130K to accommodate the increasing staffing needed in the Executive Office. The motion was made by Kenneth O with a second by Bram Nauta. **Motion Passed.**

**MOTION 29:** To allocate \$60K to awards in 2021. The motion was made by the Membership Committee. **Motion Passed.**

**MOTION 30:** To allocate \$18K to the SSCS Young Professionals Committee in 2021 operating budget. This motion was made by the Membership Committee. **Motion Passed.**

**MOTION 31:** To adjourn the meeting at 5:45 PM. The motion was made by Kenneth O with a second by Daniel Friedman.  
**Motion Passed.**

## MEETING NOTES

### **13:00 President's Welcome/Recognition - Kenneth O**

- Ken welcomed all to the AdCom meeting and started with SSCS Mission and Vision.
- Past AdCom members finishing their terms was recognized for their contributions.
- Bram Nauta, President 2018-2019, was recognized with all the accomplishments him and his team achieved during his presidency.
- New AdCom members, R10 representative and SSCS-CASS representatives were welcomed by Ken.
- Goals for the next two years were presented
- Main challenges our Society are facing such as open access were highlighted.

### **13:10 Approve Agenda - Kenneth O**

**MOTION 1:** To approve the Meeting Agenda. This motion was presented by Kenneth O, with a second by Bill Bowhill.  
**Motion Passed.**

### **13:15 Approval of Prior Meeting's Minutes - Kenneth O**

**MOTION 2:** To approve the meeting minutes of the previous AdCom Meeting. This motion was made by Kenneth O, with a second by Ali Sheikholeslami. **Motion Passed.**

### **13:20 Treasurer's Report – Wanda Gass**

- Wanda presented the budget timeline
  - 2019 actual finalized in March 2020
  - 2020 Budget approved in November 2019
  - 2021 Budget inputs due in August 2020
- Operating budget for 2019 budget and actuals, in addition to 2020 budget is presented
  - Detailed committee breakdown and new project budgets are shared.
  - Vivienne Sze asked about the details of budget item for education videos if they can be decreased with alternative ways. Ali explained how they are used currently.
  - Wanda showed 2019 actuals with increased revenue from Xplore distribution.

### **13:30 Conferences Committee – Bill Bowhill**

- Bill introduced the conference committee members
- Initiatives and updates to SSCS conferences were shared with the AdCom.
- 2019 conferences all went quite well.
- 2020 ISSCC and CICC being very close to each other is a big challenge for CICC

- 2021 ISSCC ITPC Vice Chair will be Edith Beigne.

**MOTION 3:** To advance \$600K to support ISSCC 2021. This motion was made by the Conferences Committee. **Motion Passed.**

**MOTION 4:** To provide complimentary registration to 2021 ISSCC Rising Stars to increase female participation and attract young female students and post-docs. This motion was made by the Conferences Committee. **Motion Passed.**

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**MOTION 6:** To support BioCAS TSC renewal for five years – 2020 – 2025. The motion was made by the Conferences Committee. **Motion Passed.**

#### 13:45 Publications Committee - John Long

- John started with the motions from committee.

**MOTION 7:** To support the 2021 page count budget decrease of 250 pages (from 720 to 580) for IEEE Solid-State Circuits Letters (SSC-L). The motion was made by the Publications Committee. **Motion Passed.**

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#### 14:00 Membership Committee – Emre Ayranci on Behalf of Patrick Yue

- Membership number reached highest in the last decade.
- Reach out to undergrad students with SSCS promotion material for more student membership
  - Through SSCS professors
  - Through Student Chapters
- Social media to students: Instagram could be next
- Regional Diversity and Inclusion: R9, R8- Africa, R10 Pacific
  - Potentially as a Global Relations as Adhoc
  - Help and work with chapters

**MOTION 15:** To allocate \$35K for Student Member Enrollment & Enrichment for 2021 projects. The motion was made by the Membership Committee. **Motion Passed.**

**MOTION 16:** To allocate \$20K for Career Development & Online Mentorship for 2021 projects. The motion was made by the Membership Committee. **Motion Passed.**

**MOTION 17:** To allocate \$25K for Chapter Leadership Development for 2021 projects. The motion was made by the Membership Committee. **Motion Passed.**

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**MOTION 19:** To allocate \$13K to the 2021 Pederson Award Operating Budget. The motion was made by the Membership Committee. **Motion Passed.**

#### 14:15 Women in Circuits – Kathy Wilcox

- There is a decrease in WIC graduate student members in 2019.
- WIC Committee events in 2019 was presented.

**MOTION 20:** To increase the Women in Circuits budget by \$1K to \$18K in operating budget to cover increased attendance for ISSCC 2020 Luncheon and ISSCC 2020 Rising Stars Program. Suggested that it be covered in ISSCC budgt. This will result in \$10K decrease in Net for ISSCC. The motion was made by the Membership Committee. **Motion Passed.**

**MOTION 21:** To allocate \$18K to Women in Circuits in 2021 in operating budget. The motion was made by the Membership Committee. **Motion Passed.**

#### 14:25 Ad Hoc Committee on Technical Committees – Boris Murmann and Kenneth O

- Boris introduced the members of the Ad Hoc Committee.
- New topics/venues are being established in related areas.
- Pros and cons of SSCS TCs were presented

- Summary: Create a TC called “SSC Directions”

**MOTION 22:** To create a Technical Committee called Solid-State Circuit Directions (SSCD) and advance \$3K to support basic operation in year one. The motion was made by Boris Murmann with a second by Alvin Loke. **Motion Passed.**

**MOTION 23:** To advance \$12K to support exploratory activities of the Solid-State Circuit Directions (SSCD) Technical Committee in its first year. The motion was made by Boris Murmann with a second by Payam Heydari. **Motion Passed.**

**MOTION 24:** To advance \$20K to support the activities of the Solid-State Circuit Directions (SSCD) Technical Committee in 2021. The motion was made by Boris Murmann with a second by Eugenio Cantatore. **Motion Passed.**

**MOTION 25:** To appoint Boris Murmann as the Chair of the Solid-State Circuits Directions (SSCD) Technical Committee. The motion was made by Kenneth O with a second by Ali Sheikholeslami. **Motion Passed.**

#### **14:40 Education Committee/Distinguished Lecturer Program – Ali Sheikholeslami**

- Ali introduced education committee members
- SSCS education Activities are presented in addition to new initiatives.
- Barriers to DL Industry Participation was presented.
- There was a webinar every month in 2019
- Alvin Loke will serve a Webinar Program Chair as of today.
- A new initiative could be to create in-depth lectures/summaries on ISSCC papers.
- Education committee budget break down was presented.
- \$40k increase in DL budget from \$60k to \$100k was discussed and metrics on how this can benefit to members were the main concern

**MOTION 26:** To increase the current Distinguished Lecture program budget by \$40K. The motion was made by the Education Committee. **Motion Passed.**

**MOTION 27:** To request a budget of \$151K for educational program and services in 2021 projects. The motion was made by the Education Committee. **Motion Passed.**

#### **14:55 Chapters Committee – Stefan Rusu**

- The new chapters and geographic distribution was presented.
- Several chapter activities was highlighted including San Diego section that resulted in several webinars.

**MOTION 28:** To allocate \$95K for Chapters annual support for 2020. The motion was made by the Membership Committee. **Motion Passed.**

#### **15:05 Break**



## 15:20 Executive Session – Staffing Discussion - Kenneth O

**MOTION 28:** To increase the SSCS staffing budget by up to \$130K to accommodate the increasing staffing needed in the Executive Office. The motion was made by Kenneth O with a second by Bram Nauta. **Motion Passed.**

## 15:35 Nominations Committee – Bram Nauta

- Bram presented the 2020 nominations committee
- He explained the process and schedule on how the new AdCom members are nominated.

## 15:45 Awards Committee – John Corcoran

- The new fellows from SSCS were presented.
- Pre-doctoral achievement award process was explained.
- New SSCS awards for 2019 were explained and recipients were presented

**MOTION 29:** To allocate \$60K to awards in 2021. The motion was made by the Membership Committee. **Motion Passed.**

## 15:55 Councils, Committees, and Initiatives Briefing – Kenneth O

- SSCS is participating in 5 Councils and 4 initiatives, and working closely with 1 Society.
- ISICAS in Shanghai next year was moved to Paris on August 27-28, 2020.
- There will be CAS & SSCS Joint Webinar in March/April 2020.
- TMC of IEEE has recommended that CRFID be absorbed into one of Societies
- Ramin presented details of IoT initiative including history.
  - SSCS decided not to participate a few years ago, but is taking a second look currently.
  - Suggestion is to join the IoT Initiative for 2020-2022 as a participating member.

## 16:05 Young Professionals - Emre Ayranci on Behalf of Zeynep Lulec

- YP members increased by 100 in 2019.
- Micro-mentoring session will be held Tuesday evening at 6 PM in Soma room
- SSCS Mentoring Platform will start in March 2020 after the pilot program

**MOTION 30:** To allocate \$18K to the SSCS Young Professionals Committee in 2021 operating budget. This motion was made by the Membership Committee. **Motion Passed.**

## 16:25 Update of Strategic Plan – John Long

- The first SSCS strategic plan established 4 goals and ran from 2016 to 2020.

- New Ad Hoc committee will work on the 2021-2025 strategic plan.
- 2021-2025 plan should also capture developing new products and ways of delivering them.
- Committee should be comprised of SSCS staff, executive, AdCom and members at large.
- New plan should be ready for approval before February, 2021.

**16:40 New Business/Open Discussion – Kenneth O**

- Ken showed the SSCS Circuits Video Contest with a goal of exciting students about circuits and encouraged AdCom members to vote.

**16:50 Financial Implications of this Meeting – Wanda Gass**

- 2020 Budget Changes: \$61K increase in expenses
- \$180K total increase in expenses for 2021 operating budget
- 2021 Project requests: \$211K total for 2021 Initiatives

**17:00 Adjournment – Kenneth O**

- Meeting was adjourned by 5:45PM

**MOTION 31:** To adjourn the meeting at 5:45 PM. The motion was made by Kenneth O with a second by Daniel Friedman. **Motion Passed.**

## MEETING AGENDA

13:00	Info	Info	Kenneth O	Presidents Welcome
13:10	SSCS AdCom	Motion	Kenneth O	Approve Agenda
13:15	SSCS AdCom	Motion	Kenneth O	Approval of Prior Meeting's Minutes
13:20	SSCS AdCom	Report	Wanda Gass	Treasurer's Report
13:30	SSCS Mtgs Committee	Report	Bill Bowhill	Conferences Committee
13:45	SSCS Pub Committee	Report	John Long	Publications Committee
14:00	SSCS Mem	Report	Patrick Yue	Membership Committee
14:15	SSCS AdCom	Report	Kathy Wilcox	Women in Circuits
14:25	SSCS AdCom	Report	Kenneth O, Boris Murmman	Ad Hoc Committee on Technical Committees
14:40	SSCS AdCom	Report	Ali Sheikholeslami	Education Committee/Distinguished Lecturer Program
14:55	SSCS CC	Report	Stefan Rusu	Chapters Committee
15:05	SSCS AdCom	Procedural	None	Break
15:20	SSCS AdCom	Executive Session	Ken O	SSCS Staffing Discussion
15:45	SSCS AC	Report	Bram Nauta	Nomination Committee
15:55	SSCS AdCom	Report	John Corcoran	Awards Committee
16:05	SSCS AdCom	Report	Ken O	Councils, Committees, and Initiatives Briefing
16:15	SSCS GOLD	Discussion	Zeynep Lulec	Young Professionals
16:25	SSCS AdCom	Discussion	John Long	Update of Strategic Plan
16:40	SSCS AdCom	Report	Kenneth O	New Business/Open Discussion
16:50	SSCS AdCom	Info	Wanda Gass	Financial Implications of this Meeting
17:00	SSCS AdCom	Procedural	Kenneth O	Adjournment