

**IEEE Solid-State Circuits Society
Administrative Committee
Friday, September 7, 2018
Dresden, Germany**

ATTENDANCE

In-person attendees:

| | |
|--------------------------|------------------------------|
| Stefan Rusu (voting) | Bram Nauta (voting) |
| Zhihua Wang (voting) | Emre Ayranci (voting) |
| John Long (voting) | Daniel Friedman (voting) |
| Ken O (voting) | Edith Beigne (voting) |
| Bill Bowhill (voting) | Alice Wang (voting) |
| Tadahiro Kuroda (voting) | Jan Craninckx (voting) |
| Payam Heydari (voting) | Jan Van der Spiegel (voting) |
| Wanda Gass (voting) | Makoto Ikeda (non-voting) |

Online attendees:

Ali Sheikholeslami (voting)
Vivienne Sze (voting)
Bruce Hecht (non-voting)

Voting Members Absent:

| | |
|--------------------|---------------|
| Patrick Yue | Terri Fiez |
| Ingrid Verbauwhede | Shanthi Pavan |
| Franco Maloberti | Azita Emami |
| John Corcoran | Hideto Hidaka |
| Behzad Razavi | Mike Beunder |

Staff attendees:

Mike Kelly (in-person)
Abira Sengupta (in-person)
Lauren Caruso (online)

SUMMARY OF MOTIONS

- **Motion 1:** To approve the Meeting Agenda by President Bram Nauta, with a second by Emre Ayranci. Motion passed.
- **Motion 2:** To approve the meeting minutes of the previous AdCom meeting held on June 5, 2017. This motion was made by President Bram Nauta, with a second by Stefan Rusu. The Motion passed.
- **Motion 3:** Advance \$60K to support CICC 2020 in Boston. Motion was made by meetings committee. Motion passed.
- **Motion 4:** Advance \$50K for VLSI 2020. Motion was made by meetings committee. Motion passed.
- **Motion 5:** To approve the slate of 8 AdCom members by Nomination Committee. This motion was made by Jan van der Spiegel, with a second by Bram Nauta. Motion passed.

| First | Last | EU/FE/NA | Gender | Industry-Acad | Affiliation |
|-----------|-----------|----------|--------|---------------|---------------------------------|
| Alison | Burdett | EU | F | IND | Sensium Healthcare, Oxfordshire |
| Eugenio | Cantatore | EU | M | AC | Un. Eindhoven |
| SeongHwan | Choi | FE | M | AC | KAIST |
| Kofi | Makinwa | EU | M | AC | U Delft |
| Woogeun | Rhee | FE | M | AC | Tsinghua University |
| Dennis | Sylvester | NA | M | AC | U Michigan |
| Ben | U | FE | M | AC | U. Macaou |
| Kathy | Wilcox | NA | F | IND | AMD |

- **Motion 6:** 1) Investigate if we need to create an OA journal. 2) If so, start the procedure for this. This 2 step motion was made by Bram Nauta, with a second by Alice Wang. Both steps of the motion passed.
- **Motion 7:** To adjourn the meeting at 5:08 PM. Motion made by President Bram Nauta with a second by Jan van der Spiegel. Motion passed.

MEETING NOTES

PRESENTATIONS CAN BE FOUND AT: <HTTPS://TAWAPPS.IEEE.ORG/MPT/AGENDA.ASPX?EID=11839>

PRESIDENT'S WELCOME

Bram Nauta

- This AdCom is different than earlier ones, with pre-AdCom online meetings
- There won't be a lot of reporting, but more discussions and strategies going forward.
- A roll call was held by Secretary, Emre Ayranci, and it was determined that there was a voting quorum.

APPROVE AGENDA

Bram Nauta

- Agenda is presented, seconded by Emre Ayranci and approved.

APPROVAL OF PRIOR MEETING'S MINUTES/ MOTION TRACKER

Emre Ayranci

- Minutes from the prior meeting were shown. They were online and sent to all voting members.
- It was seconded by Stefan Rusu and approved.

TREASURER'S REPORT

Wanda Gass

- Wanda presented the summary of 2017 final financials and summary
- Operating margins from 2017 was \$163K and initiatives was \$48K
- Additional 2018 fund with 50% rules was presented.
- 2018 budget was \$135K and actual currently is \$48.3K
- Initiative spending on track for \$125K
- Society fund will be created by year end.
- Operating margin on track to be about \$150K for 2018.
- For 2020 budget, request should be done by winter AdCom in February.
- Wanda explained the 50% rule due to Bram's question to clarify to all members.

PUBLICATIONS COMMITTEE

John Long

- John Long presented the key items for JSSC page charge.
- Members were informed and no feedback was received so far.
- Browzine will be stopped as usage was very low.
- SSSC Letters submissions are not that high, we will begin advertising and promoting.
- JxCDC continues to perform well including financially. It is trying to secure an impact factor and increase the number of articles/year (currently 15-18). JxCDC will be receiving a PRAC review at November 2018 IEEE Board Series
- We are doing as well as we possibly can - given the still vacillating of the OA model and internal accounting procedures to record financial performance of OA journals at IEEE at this time.
- John stated that JxCDC is the only open access pub in IEEE demonstrating strong financials.
- SSSC Magazine is collecting suggestions for 2019 Summer/Fall and strategic direction was decided.
- Open Access:
 - It is a big concern going forward for SSSC and IEEE in general.
 - There will be further discussions on the subject in the afternoon.

- Publically-funded research in Europe must be published in full-OA journals exclusively after 2020. Publication in hybrid journals such as JSSC will not be permitted.
- It is a huge disruption for IEEE business model, so we will follow what IEEE plans for this. SSCS will push for full-OA journals so that our community can contribute publishing via IEEE.
- Issues such as funding for author-pay journals, revenue stream from OA publications needs to be investigated.
- It is including conference proceedings as well, not only journals.
- Being proactive is good, but we should collaborate with IEEE to find a common solution.
- Bram asked how long it would take to start an OA journal. John expect 18 months with SSCS letters experience.
- Bram stated that we can start OA journal to be proactive.
- There are some benefits of Open Access as well. It can be good for citations.
- Main motivation is that tax money is used for everybody, so shared openly.
- See slides for more details.

MEETINGS COMMITTEE

Bill Bowhill

- F2F meeting agenda was presented.
- Attendee/Author experience/Operational Excellence is being investigated.
- Growing interdisciplinary collaboration and innovation is discussed.
- ESSCIRC is going to be later in September in 2019.
- New activities that require exception funding need to go through SSCS funded Initiative policy.
- YP career mentoring and WiC activities are established and budgeted activity within the society budget.
- Standard budget template is being implemented for 2019, to be released in February meeting.
- We need risk management processes implemented.
- Highlights from each conferences were shared
- ISSCC double blind review is going to be evaluated one more year in 2019.
- Industry submitted papers is going down.
- The drawbacks and importance of papers from industry were discussed.
- Industry participation will be further discussed in the afternoon.
 - Motion: Advance \$60K to support CICC 2020 in Boston
 - Coming from committee. Approved.
 - Motion: Advance \$50K for VLSI 2020
 - Coming from committee. Approved.
- Online/mobile voting system for direct audience feedback e.g. best papers is a new initiative that would be further explored till February AdCom.
- Considering interdisciplinary collaborations.
- Commercial shows and mobile app/voting system will be further discussed.
- See slides for more details

MEMBERSHIP COMMITTEE

Emre Ayranci

- Emre Ayranci presented the summary of pre-Adcom discussions and membership committee highlights.
- Our overall membership is increasing again.
- Survey on chapters is in progress and looking into revitalizing the stagnant chapters
- YP volunteer guide and best practices can be shared with chapters.
- YP micro-volunteering platform to announce smaller volunteering task could be used to find more volunteers and engage them.

- SSSC Internship program is in progress of investigations to support student members.
- GDPR is a concern and impact the way we communicate to our members. Further investigation and details will be needed.
- Membership committee is asking staff to collect data on retention, e.g. conversion from student/GS member to full member.
- See slides for more details.

EDUCATION COMMITTEE/DL PROGRAM/WEBINAR PROGRAM

Ali Sheikholeslami
Jan Van der Spiegel

- Daniel Friedman presented the Education committee summary.
- Webinar program is very vital and active.
- CICCx with 2017 highlights is also in Resource center.
- Initiatives supporting summer schools or high schools in specific locations might not be very suitable as a SSCS only initiative, but having our members worldwide potentially go to schools and present could be more value added by our society.
- Creation of reference material in multiple language for use by SSCS members to use in outreach activities would be more suitable for our society.
- Distribution of access info for educational content through resource center on a more frequent basis could be good for our members.
- See slides for more details.

NOMINATIONS COMMITTEE

Jan Van der Spiegel

- Nomination committee received 37 names.
- Committee elected 8 candidate after 3 rounds of voting.

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|-----------|-----------|----------|--------|---------------|---------------------------------|
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| Woogeun | Rhee | FE | M | AC | Tsinghua University |
| Dennis | Sylvester | NA | M | AC | U Michigan |
| Ben | U | FE | M | AC | U. Macaou |
| Kathy | Wilcox | NA | F | IND | AMD |

- Motion: To approve the slate. Bram seconded it. Approved.

B R E A K

Awards

John Corcoran

- Jan van der Spiegel presented on behalf of John
- Fellow applicants increased to 21 this year.
- New awards discussions were presented.
- Details can be seen in the slides.

STRATEGIC PLAN DISCUSSION

Bram Nauta

- All items for discussions are reviewed and Open Access is the highest priority, so we decided to start with that discussion.
- First discussion point was to decide if we should start a JSSC-OA soon to be proactive. This will be open access version of JSSC.
- We would need the open access version of the conference proceedings as well.
- OA fees that is for authors can be included in conference fees.
- The potential impact on patents was discussed.
- Motion: 1) Investigate if we need to create an OA journal 2) If so, start the procedure for this.
 - This 2 step motion was made by Bram Nauta, seconded by Alice. Both steps being voted yes and approved.
- Investigate a potential exhibits in ISSCC for more industrial involvement.
- Considering an industry track with demonstrations from industry.
- **Action Item:** Meeting committee will look into implementing exhibitions/industry track at or around ISSCC. A sub-committee will be made to investigate it further and recommend to ISSCC committee.

FINANCIAL IMPLICATIONS OF THIS MEETING

Wanda Gass

- Main financial implication is CICC and VLSI advance requests.
- Action item on meetings committee when to ask for advances.

ADJOURNMENT

Bram Nauta

- Bram made a motion to adjourn the meeting with a second by Jan van der Spiegel.

Motion: To adjourn the meeting at 5:08 PM. Motion passed.

MEETING AGENDA

| <u>Time</u> | <u>Submitter</u> | <u>Type</u> | <u>Presenter</u> | <u>Agenda Item</u> |
|--------------------|-------------------------|--------------------|--|---|
| 12:00 | SSCS AdCom | Info | None | LUNCH |
| 13:00 | SSCS AdCom | Info | Bram Nauta | Introduction – Welcome |
| 13:10 | SSCS Par | Motion | Bram Nauta | Approve Agenda |
| 13:15 | SSCS AdCom | Motion | Emre Ayranci | Approval of Prior Meeting's Minutes/Motion Tracking |
| 13:20 | SSCS AdCom | Report | Wanda Gass | Treasurer's Report |
| 13:35 | SSCS Mem | Report | Emre Ayranci | Membership Committee |
| 13:55 | SSCS AdCom | Report | Ali Sheikholeslami/ Jan Van der Spiegel | Education Committee/ Distinguished Program/ Webinar Program |
| 14:15 | SSCS Mtgs Comm | Report | Bill Bowhill | Meetings Committee |
| 14:35 | SSCS Pub Comm | Report | John Long | Publications Committee |
| 14:55 | SSCS NC | Report | Jan Van der Spiegel | Nominations Committee |
| 15:05 | SSCS AdCom | Procedure | Bram Nauta | BREAK |

| | | | | |
|-------|------------|--------|---------------|---------------------------------------|
| 15:20 | SSCS AC | Report | John Corcoran | Awards |
| 15:35 | SSCS AdCom | Report | Bram Nauta | Strategic Plan Discussion |
| 16:25 | SSCS AdCom | Report | Wanda Gass | Financial Implications of the Meeting |
| 16:35 | SSCS AdCom | Proc. | Bram Nauta | Adjournment |