

IEEE Solid-State Circuits Society
Administrative Committee Minutes

Of Sunday 6 February 2005
at the San Francisco Marriott Hotel, Fourth Street, San Francisco, CA

Next meeting: Monday, 29 August 2005
at the San Francisco Marriott Hotel, Fourth Street, San Francisco, CA

PART A: SUMMARY OF MOTIONS AND ACTIONS

1. Approved decisions

Motion 1: To approve the minutes of 30-AUG-04. The motion passed.

Motion 2: To increase the print subscription rate for the JSSC by \$2. The motion passed.

Motion 3: For SSCS to support as a technical co-sponsor, the following Conferences

- DAC
 - RFIC
 - Symposium on VLSI Technology
 - ESSCIRC
- The motion passed.

Motion 4: SSCS to advance \$700K for the ISSCC 2006. The motion passed.

Motion 5: SSCS to produce the SSC Digital Archive DVD for registrants of the 2006 ISSCC. The motion passed.

Motion 6: To advance \$60K for the 2005 CICC. The motion passed.

Motion 7: To move that the JSSC page budget for 2006 be 2,700 pages. The motion passed.

Motion 8: To move that SSCS support the formation of the IEEE CAD Council and commit up to \$10k seed money if necessary. The motion passed.

Motion 9: To authorize an Executive Committee, composed of the SSCS President, Vice President, Past President and Treasurer to prepare and submit the 2006 Society budget for the IEEE. The motion passed.

2. Action Items

The Publications Committee will discuss and propose the future of an annual Archive DVD.

PART B: MEETING MINUTES

1. WELCOME AND INTRODUCTIONS

Steve Lewis

The meeting was called to order by SSCS President Steve Lewis at 11:00 a.m.

2. SECRETARY'S REPORT

David Johns

A. Roll Call

a.) Voting members present

Bryan Ackland	Dave Hodges	Jan Rabaey
Gary Baldwin	Dick Jaeger	Takayasu Sakurai
Bernhard Boser	David Johns	Jan Sevenhans
Bill Bidermann	Rakesh Kumar	Charlie Sodini
John Corcoran	Thomas Lee	Mehmet Soyuer
Terri Fiez	Domine Leenaerts	Jan Van der Spiegel
Ian Galton	Steve Lewis	C. K. Ken Yang
Wanda Gass	Teresa Meng	

b.) Voting members absent

Anantha Chandrakasan

(c.) Additional Attendees

Bram Nauta	Anne O'Neill	Bruce Wooley
K. Nagaraj	Larry Starr	CK Wang
Bram Nauta	Tim Tredwell	

A. The minutes of the 15Feb-04 SSCS AdCom meeting were distributed in March.

Motion 1: To approve the minutes of 30-Aug-04. The motion passed.

3. TREASURER'S REPORT

Rakesh Kumar
Treas Rprt 0205SSCS.ppt

The Treasurer reported on 2004 budget versus actual financial figures, comment briefly on the 2005 budget and provided an outlook of the 2006 budget. He ended with a chart of reserve trends.

Motion 2: To increase the print subscription rate for the JSSC by \$2. The motion passed.

4. MEETINGS COMMITTEE REPORT

A. Meetings Committee Report --

Charlie Sodini for Anantha Chandrakasan

Motion 3: For SSCS to support as a technical co-sponsor, the following Conferences

- DAC
- RFIC
- Symposium on VLSI Technology
- ESSCIRC

The motion passed.

The following reports were presented from conferences for which SSCS provides technical co-sponsorship.

B. ISSCC Report

Tim Tredwell
ISSCC_0205SSCS.ppt

Tredwell reported registration trends, comparing actual financial figures for 2003 to budgets and actual for 2004. Total event registration is estimated to increase for 2005. Paper evaluation load has become a serious problem.

Paper submissions increased 25% for ISSCC 2005 on top of large increases in 2003 and 2004. The Size of program committee was reduced 8% last year in consolidation to a single International Program Committee. The result was a 33% increase in paper evaluation load on top of increases in 2003 and 2004. The loading was concentrated in Analog and Wireless with over 100 papers each

Jan Van der Spiegel will be Technical Program Vice-Chair for 2006.

Motion 4: SSCS to advance \$700K for the ISSCC 2006. The motion passed.

Motion 5: SSCS to produce the SSC Digital Archive DVD for registrants of the 2006 ISSCC. The motion passed.

C. 2005 VLSI Symposium Circuits Report

Bill Bidermann
VLSI Ckst Symp_0205SSCS.ppt

Bidermann reported registration figures for 2004 comparing them to 2002 numbers when the comparable Symposium was held in Hawaii. Paper submission trends were reported. A new Student Best Paper was described along with selection criteria. Financials, Members of the Technical Program Committee, the Invited papers, Rump Sessions and Short Course were all reported.

D. CICC Report

Larry Starr CICC_0205SSCS.ppt

Starr reported paper trends over the last 4 years for registration and submitted and accepted papers, and the 2004 budget and actual financial figures compared with the 2005 budget.

For 2005 a Poster Session is added to the program and the conference is co-located with BMAS (The 2005 IEEE International Behavioral Modeling and Simulation Conference). CICC will be located in San Jose for next 3 years. CICC is opening discussion with an additional conference for 2006 co-location.

Motion 6: To advance \$60K for the 2005 CICC. The motion passed.

E. Asia Solid-State Circuits Conference A-SSCC

Charlie Sodini for CK Wang

A-SSCC0205SSCS.ppt

The inaugural A-SSCC will meet 1-3 November 2005 in Hsinchu, Taiwan. The AP-ASIC steering committee voted to evolve into the A-SSCC with a circuit design focus. An Organizational structure is in place with Asian countries, academia, industries and the international community represented. After Taiwan in 2005, a schedule is developing with China for 2006 and Korea 2007. A local conference structure is in place for 2005 with Genda Hu of TSMC as Conference Chair, Jerry Jou of NCTU as secretary. A schedule is blocked out and invitations are being extended to fill out the program. A budget was presented. Trends of paper submissions have been reviewed to take advantage of experiences from VLSI-TSA DAT and AP-ASIC

5. PUBLICATIONS COMMITTEE

Bernhard Boser

A. JSSC Report

K. Nagaraj, Editor

JSSCRprt_0205SSCS.ppt

Nagaraj reported that July through December 2004, 179 papers were submitted.

TOTAL	179
ACCEPTED	35
REJECTED	30
REFERED	43
UNDER REVIEW	71

There were 174 submissions January to June with 178 electronic submissions.

New Associate Editors are Jerry Lin and Un-Ku Moon.

Retired Associate Editors are Michael Perrott and Doug Garritty

	July- Dec	<u>Jan - July</u>
First action	70	86
Author revision	81	100
Publication	<u>157</u>	<u>131</u>
TOTAL	308	317

Regional Distribution was reported US 46, Asia 74, Europe 37, Canada 10, others 12.

Subjectwise Distribution was reported analog 86, RF 44, digital 22, memory 7 and other 4.

Nagaraj reported that manuscripts are coming in at 1 per calendar day with an accelerating trend of more from Asia and on topics of RF including mm wave and MMICs

Motion 7: To move that the JSSC page budget for 2006 be 2,700 pages. The motion passed.

B. Journal on Display Technology

Charlie Sodini for Hiro Kawamoto
JDT_HKawamoto0205SSCS.ppt

Sodini reported on the status of the launch of the JDT on schedule for its first issue in September 2005.

6. CAD COUNCIL PPROSAL

Brian Ackland
CAD_Council_SSCS.ppt

Ackland reported the case that an IEEE CAD Council can be instrumental in being the focal point for CAD activities, bringing value to IEEE and member Societies by coordinating CAD activities. A TAB ad hoc committee and has prepared the following field of interest.

The field of interest of the council spans the theory, implementation and use of CAD tools to design integrated electronic circuits and systems. This includes tools that automate all levels of the design, analysis and verification of hardware and embedded software up to and including complete working systems.

An IEEE member Society will appoint two representatives to serve on the Council for two years. Ackland concluded that the overall impact of the activities will be larger than the sum of the fragmented parts. The council will start new activities that will attract and retain members, and generate new income. The council will have a strong technical character. More background information is in his report.

Motion 8: To move that SSCS support the formation of the IEEE CAD Council and commit up to \$10k seed money if necessary. The motion passed.

7. AWARDS COMMITTEE REPORT

Dave Hodges

Hodges reported that 4 out of 11 nominations for SSCS Fellows were approved for 2005. Hodges led a discussion about the Fellows process with comments from Jaeger, the outgoing chair of the Awards Committee, on how to improve the quality of SSCS fellow application files.

Nominators and references should know that half of those evaluating a fellow application packet will not be in the same technical field as being reviewed. Each volunteer on an awards committee will receive about 200 applicant files to review. Therefore it is important to describe well the candidate's contributions and include a publications and patents list.

Regarding recommendations, the rules state "A nomination must be supported by at least five, but no more than eight references from active IEEE Fellows." SSCS advises that six

recommendations be submitted, in case one fails. Seven or eight, it is suggested, is too many because it increases the risk one being more detrimental than supportive.

Persistence counts. The third year of nomination is the peak year of selection. Volume counts. EDS nominates 35 not 11. The ranking when our Society representatives review the files is also important.

8. CHAPTERS REPORT

Jan Van der Spiegel
ChptrsJVdS_0205SSCS.ppt

Van der Spiegel reported SSCS now has 52 Chapters as a result of five new chapters being formed in 2004. Half of the Chapters are SSCS only and the others are joint with other Societies. Details about the geographical distribution, Distinguished Lecture and Subsidies Program are in his attached report. The Santa Clara Chapter has been name Outstanding for 2004 and will be recognized at the ISSCC Plenary session.

Three chapters were noted as being inactive and may be shut down if not rejuvenated; Benelux, Oakland-East Bay and Orange County. The Orange County chapter already has a new chair, Jacob Rael of Broadcom.

9. 2005-6 AdCom MEETING SCHEDULE

Steve Lewis

The next AdCom meetings are scheduled:

Monday, 29 August 2005, San Francisco Marriott Hotel, 55 Fourth Street
Sunday, 5 February 2006, San Francisco Marriott Hotel , before ISSCC '06
Monday, 28 August 2006, location to be announced.

10. Summary of Motions with Financial Implications

Rakesh Kumar

JSSC Subscription Increase by \$2 each. Positive Impact ~\$16K
ISSCC 2006 DVD. Incremental Cost included in ISSCC Budget.
ISSCC 2006 Advance Increase to \$700K. Cash Flow will need to be watched.
CICC 2005 Advance of \$60K. Per Plan.
JSSC 2006 Page Count increased to 2700.
CAD Council Formation, \$10K

Motion 9: To authorize an Executive Committee, composed of the SSCS President, Vice President, Past President and Treasurer to prepare and submit the 2006 Society budget for the IEEE. The motion passed.

11. ADJOURN

There was no new business and meeting was adjourned at 2:30 pm.

Respectfully submitted, April 2005, Anne O'Neill, Executive Director SSCS and David Johns SSCS Secretary.