



**SCV ExCom Meeting Minutes – 13 March 2013**  
*Cogswell College, Sunnyvale, CA*

Attendance Count: 25 (see Attendee Roster at end of these minutes)

indicates Action Item

<b>ExCom Officer Attendance</b>		
Ed Aoki	Chair	Present
John Swan	Vice Chair	Present
Sachin Desai	Treasurer	Present
Yoo Hsiu Yeh	Secretary	Present

Meeting called to order by Ed at 6:03pm.

**Acceptance of 6 February 2013 Meeting Minutes (Ed Aoki)**

Next time bring a printed copy. Minutes accepted.

**Acceptance of Meeting Agenda (Ed Aoki)**

There were no objections to the proposed agenda. Note: 15 slide sets will be presented.

**Welcome (Ed Aoki)**

**Annual Chapter Reports**

**Chapter Report #1: Circuits and Systems Society {Dimitri Loizos}**

- Two new volunteers for 2013.
- Webpage update: now using Wordpress. New URL.
- Financial status: Jan 2012: ~\$8600, closing (Dec 2012): ~\$10k
- 466 total members.
- 2012 activities: Held one meeting every month, three co-sponsored with SSC. Meetings are 3<sup>rd</sup> Monday at Qualcomm.
  - Top meeting was Sep 29<sup>th</sup> workshop, co-organized with ComSoc, with 8 speakers, 100 attendees. Raised about \$1500 split. Second largest meeting was Sep 12<sup>th</sup> workshop, co-organized with SSC.
- 2013 activities: two events already, one more planned, three more currently upcoming.
- Co-sponsored ComSoc workshop will be held again this year after summer.

**Chapter Report #2: Computer Society {Hans Spanjaart}**

- Two new officers for 2013. A large group of officers help to actually organize all the events.
- Financial status: ~\$40k, about the same as last year. Chapter tends to break even.
- CS has had a slight growth (increase by 30) in membership since 2010.
- 2012 activities: held 9 tech meetings and two conferences (NFIC and EDPS). Had 80-120 attendees and about 10 volunteers per meeting on average. Software talks were most popular. Peak was 151 attendees in May 2012.
- 2013 activities: 9-10 technical meetings planned, NFIC and EDPS conferences, and 1 volunteer appreciation event.



- NFIC co-sponsorship arrangement: last year there were issues with IEEE headquarters approval and insurance. Agreed to swap lead sponsorship every year to simplify. For 2013, NATEA is the main sponsor organization; IEEE-CS is a technical co-sponsor.
- Looking to host own website not hosted by IEEE. Also combine websites for EDPS and NFIC. Best Practices will be posted as promised.
- Has corporate sponsorship of each meeting.
- Only chapter in SCV that video-casts technical meetings, as host Cadence has facilities that enable it. Would also like to have WebEx. Video-cast attendees are counted in L-31.
- Won 2 chapter prizes this year: Best Chapter in SCV Section and Central Area. By policy, CS is banned from winning same awards for 3 years.
- CS now has a champion within Cadence.

### **Announcement of SCV-Computer Society Electronic Design Process Symposium (EDPS) {John Swan}**

- 20<sup>th</sup> time holding this annual conference. Computer Society is sole sponsor.
- Conference takes place over Thursday/Friday: three sessions on Thursday; Foundry Day on Friday. Foundry day will cover FinFETs, by Daniel Nenni of Semiwiki.
- Financial History:
  - 2010: under IEEE headquarters, was charged a fee, thus lost money overall.
  - 2011: switched to being held under IEEE CS, began operating in the black.
  - 2013: already have \$3k in corporate sponsorships (3 GOLD sponsors).
- Conference is becoming more self-sustaining: more attendees, registration costs are lower, more corporate sponsorships, and free registration for keynotes.

### **Chapter Report #3: Computational Intelligence Society {Abraham Ishihara}**

- One new officer this year.
- Financial status: ~\$600 funds available at end of 2012.
- Total 70+ members.
- 2012 activities: meetings held mostly at CMU-Silicon Valley or at Stanford. Total of six (6) technical talks, two of which were co-sponsored with CSS. Many talks on adaptive controls.
- 2013 activities: focus on Intelligence in Renewable Energy systems. Locus Energy gave a talk.

### **Chapter Report #4: Consultants' Network of Silicon Valley AG {Kendall Waters}**

- An affinity group. In addition to officers, have several directors and at-large directors.
- Has own website, hosted outside of IEEE; can search members and jobs through website.
- Has three active committees and two SIGs (Intellectual Property and Medical Devices).
- Financial status: ~\$40k at end of last year, now \$25k, due to checks clearing for marketing/new website development.
- 220 members, about 6-8% growth from 2011. Includes 35 affiliate members.
- Lost space at KeyPoint, so for 2013, moving to Agilent. Champion in Agilent is Jim Krepelka. For 2013, will have general meetings on third Tuesdays.
- 2012 activities
  - Had one general meeting every month except July/August, and special interest group (SIG) meetings almost every month as well. IP SIG is most active, expert witnessing most common topic.
  - Held two Consulting Practices Program (CPP) seminars/webinars.



- Co-sponsored two conferences, participated in five others
- CPP seminars, originally funded by section, are now self-sustaining.

#### **Chapter Report #5: Control Systems & Systems, Man, Cybernetics JT Society {Karl Mathia}**

- New website using IEEE sites, now with Wordpress. Adithya Naresh is new webmaster.
- Down to 146 from 243 members in 2012. Drop in membership numbers for 2013 may be because people have not renewed.
- Financial status: ~\$8k in bank, \$400 gain from last year, due to rebate.
- 2012 activities: Seven meetings, two co-sponsored with CIS. Location moved to Intersil since Cogswell no longer available.
- 2013 activities: Six events planned, held 3<sup>rd</sup> Wednesday of the month. Hosted a Distinguished Speaker in February: Professor Frank Lewis, UT Arlington.
- Discussion on how to find Distinguished Speakers:
  - Search list of distinguished speakers on the IEEE site. Need to be approved by the Coordinator of the program.
  - Some societies have their own DL program, others do not. Rules may differ by society. Section approval not necessary.
- Contact within Intersil is Michael Purtell. John Swan suggests treating Michael to a dinner as a thank-you.

#### **Chapter Report #6: Stanford University Student Branch {Yonghyun (Howard) Ro}**

- Have 12 officers.
- Maintains website, Facebook and Twitter for publicity.
  - WiE needs new chair, current chair Aakanksha Chowdhery is graduating.
- Financial status: ~\$7k bank balance and \$2k in PayPal. Also signed MOU with IEEE Headquarters University Partnership Program (UPP) will have additional \$2500, end of year.
- Earn additional \$600 from IEEE Headquarters if student branch fills out online report form
- 280 members, 1000 students on mailing list. Events are open to all students. Stanford is the largest student branch in SFBAC.
- 2012 activities:
  - Eight (8) student-run technical events, Three (3) social events – largest were the Faculty dinner (~50 students, 10 faculty, catered food) and the Engineering Welfare & Innovation in Developing Economies (200 attendees, a speaker from Obama Competition for Change). Trying to encourage students to consider EE instead of CS.
  - Nine (9) industry-sponsored technical talks
- Submit nomination for best student branch by end of March. (from Jeffrey Pawlan)

<b><u>Officer Reports</u></b>
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#### **Chair (Ed Aoki)**

- **SFBAC Officers Training** presentation materials are now archived at <http://www.ieee-sfbac.net/training/> and is linked from the SCV Section webpage.
- **The 2013 Awards and Recognition** nomination document is now on the SCV webpage. Standardized application form for both Section and Region. Submission deadline is March 31, contact Jeffrey Pawlan.



- **SVEC Engineers Week Banquet**, Tuesday, February 19, at DoubleTree, SJ.  
7 IEEE people did not show; 10%. How do we minimize this situation? Overall no-shows for SVEC total was 5%.
- **GHTC2013** update:
  - Ed Aoki has accepted position of GHTC2013 Treasurer. Paul Wesling and Ed will be working on the MOU and the new budget.
  - The MOU will be revised, and the new, stricter MOU should avoid the difficulties that GHTC2012 experienced (see update towards the end of minutes). Has been sent to Region 6, IEEE-USA and Seattle IEEE Section for approval. Must be settled by March 20<sup>th</sup>.

Jeffrey Pawlan proposed a MOTION to Untable the proposal that SCV Section support GHTC 2013. Brian Berg SECONDED. Unanimous APPROVAL.

- Recap: GHTC was tabled last December due to inability of GHTC officers to provide finances or demographics of attendees, and a conference debt of \$100k. SCV Section would not support unless more information and assurance that the conference would have reasonably robust financial management were provided.
- Many proposed changes: No freebies. In 2012, out of 260 attendees, 150 of them paid no registration. This year, no one will be subsidized if the subsidy money is not there.
- GHTC2013 officers: Keith Moore (Arizona) is chair, Tom Coughlin is Local Arrangements chair, Ed Aoki is Treasurer. Paul Wesling is Publications Chair, Daniel Lottis is Technical Program Co-Chair.
- Debt issue of 2012 was resolved by a) collecting previously pledged funds and b) Region 6 paying the \$120K hotel invoice.
- Registration: Rich Wilkins is running the registration process. IEEE Conference Services will be asked to quote on providing registration services; website development would cost \$750-\$1000.
- Flyers for the conference were distributed.

Jeffrey Pawlan proposed a MOTION for SCV Section to approve GHTC2013 (funding will come out of SFBAC). Brian Berg SECONDED. Unanimous APPROVAL.

- Art Astrin suggests trying to recruit Jerry Brown as a speaker, since the governor held a similar conference 25 years ago.
- **Result of ExCom email vote** to provide plaques to Ethernet's "Unsung Heroes".
  - Previously Moved by Brian Berg and Seconded by Sachin Desai. Voting done via online poll. Close of voting: March 8. Voting results: 15 yes, 2 no, 1 abstain. Motion carried.
  - Explanation: This year is 40<sup>th</sup> anniversary of Ethernet. Brian worked with Geoff Thompson, expert in the area. Narrowed down potential nominees to the earliest time for Ethernet.
  - Dave Boggs, Ron Crane, Tat Lam, and Geoff Thompson are the honorees. Two are not IEEE members. (Did not include Bob Metcalfe as he is not an "Unsung Hero", having received many awards already.)
  - Vote approved an amount "not to exceed \$850" for fabrication and production of four etched crystal awards from SCV Section.
- **Discussion of Future treatment of awards** such as the Ethernet "Unsung Heroes".
  - This was not exactly a milestone and not a normal Section award
  - Precedence: In 2010 Jeffrey proposed to the SCV Excom and was defeated in a request to give an award to non-IEEE member. Would have to modify that decision.
  - Jeffrey asked Dan Christensen (Region 6 Awards Chair) – within IEEE rules, there may be a guideline that, while we can make our own awards, money from IEEE should be



given to IEEE members. IEEE-USA has a category for government people who benefit the IEEE specifically.

- Does this belong in Milestones? IEEE 802.3 (Ethernet) is a standard, but is currently not a proposed Milestone. Milestone is not for a person but for an event, a location or an invention (Brian Berg), although it certainly indirectly honors the people involved (Kris Verma). Milestones cover a different realm than this section award.
- Ed suggests setting up a small working group to define the process.
- Collected volunteers for Non-Standard Awards Discussion Committee
  - Jeffrey Pawlan, Chair
  - Volunteers: Art Astrin, Pallab Chatterjee, Kris Verma, Sachin Desai
- **CHM:** Free Weekend for IEEE member and family: February 16 -17, 2013. Estimated IEEE member/guest count: 650 over 2 days. Based on these results, John Hollar (CHM) plans to do this IEEE Weekend annually. Brian Berg also got good feedback from section. The two years for price of one discount may be extended.
- Brian will send email to Ed, Ed will forward to section list.
- **SCV-WIE:** report on continuing efforts to revive SCV-WIE (Brian Berg)
  - Now have nominees for all four officers. vTools election will start within a week.
  - May have an offer from LinkedIn to host meetings there
- **Awards program proposed changes** (Jeffrey Pawlan)
  - For *Chapters*, instead of physical award, put it on Excom website, John Swan suggests with a logo the chapter can put on their own website
  - For *Individuals*, instead of paper award, give smaller engraved/printed plaques < \$80. At most this would be six per year, generally two or three. Pallab Chatterjee recommended his wife's company, which could produce this for \$60. Current cost is \$6+\$20 = \$26.
  - For *Student Branches*, give money for pizza party, etc., instead of paper award.

Sachin Desai made the MOTION for the above changes. Art Astrin SECONDED. APPROVAL with one negative vote, due to increase in cost for individual awards.

#### **Vice Chair** (John Swan)

- IEEE-Section liaison with SCV Industry/Business leaders
- Needs a few volunteers for early November Executive Dinner – mainly help in booking hotel to set up event. Tom Coughlin and Pallab Chatterjee volunteered.
- Currently 18 companies, listed in email that was sent out to Excom list.
- Start with companies that can offer venues, such as companies that are already hosting.
- Looking for a few more “industry advisors”.
- John Swan and Pallab Chatterjee will discuss offline about multi-year vision for initiative.

#### **Treasurer** (Sachin Desai)

- \$163k as of March 13, \$7700 out to student projects and rebates from last year, no income.
- Progress on submission of L50 reports to the SCV Section by Chapters: 50% reported as of March 13th. Have until end of month to get all forms in.
- Announcement of NEW L50 and NetSuite process for 2013.
  - Two possibilities:
    - Each chapter reports in NetSuite every month, like maintaining a checkbook
    - Each chapter feeds to Section treasurer every month, who pushes it up



- Either case, every transaction must be logged. No dictate for having to be monthly, but Sachin imagines that would be most efficient.
- Won't have an affirmative on the changes until next month.
- Using IEEE Conference Services is complicated. MTT used it - for 45 registrations, Ed had to handle 90 transactions, then four transfers over two months.
- CBRS and NetSuite do not talk.

#### **Secretary (Yoo-Yoo Yeh)**

- SCV Section status in vTools
- Reporting of **SCV ExCom Officers** must be done immediately after the election: 6 of our OU (~1/6) have not reported 2013 ExCom; some have not yet held elections. SCV Section Secretary/Chair need to be informed of results of elections and new officers, including IEEE member number. SCV Secretary can enter the data into vTools.
- NEED New Officer reports from: PES/IAS, PSES, REL, RAS, SP, VTS
- L50 and vTools reporting of **SCV Section TM meetings**: No change from last month.

#### **PACE (Manuel Ilagan)**

- Events thus far in 2013:
  - Jan 2<sup>nd</sup> event on IP by Orin Laney, 40+ attendees
  - Feb 6<sup>th</sup> talk on Entrepreneurship by Andreas Olafsson, 56 attendees
  - March 6<sup>th</sup> talk on Financial Management at Qualcomm, co-sponsored with GOLD, 77 attendees.
- Future events:
  - April 22<sup>nd</sup> panel event about IP transfer.
  - May 27<sup>th</sup> event co-sponsored with GOLD at LinkedIn.
- Discussion of planning for directions for Feb 6<sup>th</sup> event. Recommended: have signs with directions to meeting room for attendees to reduce confusion. Mentally walk through the steps of an event before it happens.

<b>Committee Reports</b>
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#### **GOLD (Timothy Worboys)**

- Events thus far in 2013:
  - Feb 16<sup>th</sup> CHM event, 86 attendees
  - March 6<sup>th</sup> Financial planning, co-sponsored with PACE, 82 attendees, shortfall of \$59
- Three more people in committee, still need more people. Committee meets first Thursday of every month
- Upcoming events:
  - May 27<sup>th</sup> event at LinkedIn. Speaker is Krysta Canfield, senior manager of consumer PR at LinkedIn. Will charge for admission. Promotion code for \$3 off for first 25 people.
  - June 18<sup>th</sup> at Maxim, Maxim CTO – How to Become CTO. Also will charge for admission.

#### **Senior Member Advancement (Jack Berg)**

- Next event: March 25 at Cogswell College, 6-9pm. Will be about 35 people looking for references.





- Senior members are needed to be references. Will contact folks who have been elevated in past few years. Already posted on GRID.

### **IEEE/Computer History Museum (CHM) Relationship and IEEE Engineering Milestones Report (Dick Ahrons/Shayne Hodges - Excused)**

- Reviewed 9 milestones and milestone descriptions (see February minutes)
- Brief discussion on whether it is lopsided for 3 milestones go to Apple. Comparison to AT&T Bell Labs.
- Update from Fred Pfost: proposal writing for Milestone for Ampex well underway. Fred wrote the Milestone proposal, and is the Milestone champion.
- Brian will send updates on SPARC Milestone meetings to Yoo-Yoo and Ed.
- Ed will update milestone slide to include Fred Pfost's update.
- *CHM update*: Mike Geselowitz, Senior Director of IEEE History Center visit on **March 21**. This is an opportunity to meet and provide feedback to Mike, who wants to meet with members of IEEE Section Executive Committee. Contact Dick Ahrons at [ahrons@alum.mit.edu](mailto:ahrons@alum.mit.edu) if you would like to join the group.

### **Science Fairs (Ken Doniger - Excused)**

- San Mateo County Science Fair
  - Three IEEE judges were: John Woodman, A.J. "Nick" Nichols, and Ken Doniger
  - Three \$50 prizes to
    - Isis Grant (11th grade) for an investigation into PID control of robots
    - James Shaw (7th grade) for calculating the speed of light in yellow gelatin
    - David Lippman (7th grade) for an investigation of the hydraulic jump phenomenon (look it up) in a kitchen sink.
- Santa Cruz County Science Fair
  - The IEEE judge was Keith Gudger
  - Three \$50 gift cards to
    - Quinn Bourret (Elementary Level) for "How Do You Use Scratch?"
    - Max Freedman (Junior Level) for "Get It While Its Hot"
    - Abe Karplus (Senior Level) for "Arduino Data Logger"

### **K-12 (Lee Colby - Excused)**

Report on Lynbrook HS STEM club progress – expect correction of the LHS STEM club webpage when school starts in the Fall.

### **Membership Development ( Open)**

Looking for new volunteer.

### **SFBAC (Ed Aoki, SFBAC Chair)**

- MOU RevE, with major changes by Paul Wesling and Ed Aoki, was approved by SFBAC ExCom and sent out to the sponsoring entities for approval. Process requirements were incorporated into Appendix A for registration and venue processes. Sponsoring entities are Region 6, Seattle Section, SFBACouncil, and IEEE-USA. Editing by Paul Wesling and Ed Aoki.

### **IEEE Exploratorium Opening tour**



Discussion/meeting with Exploratorium representatives was happening at same time as the March Excomm meeting. Hoping to establish relationship with Exploratorium, similar to relationship with CHM. May possibly have an IEEE tour in April, or some kind of pre-summer event.

**Old Business**

- Any old business

**New Business**

- Any new business
- Announcement of SCV-Computer Society EDPSymposium (see Chapter Report #2)

The meeting was adjourned at 8:11 pm.

- **Next Meeting: 3 April 2013, Cogswell College Board Room**

**NEXT ANNUAL CHAPTER REPORTS**

**April 3, 2013**

University of California at Santa Cruz Student Branch	<i>UCSC-STB</i>
Education Society	<i>ES</i>
Electromagnetic Compatibility Society	<i>EMCS</i>
San Jose State University CPMT Student Chapter	<i>SJSU-SBC-CPMT</i>
Stanford University Electron Devices Student Chapter	<i>SU-SBC-ED</i>
Stanford University Women in Engineering Student Chapter	<i>SU-SBA-WIE</i>

*Respectfully submitted by SCV Secretary Yoo Hsiu Yeh*





**Santa Clara Valley SCV ExCom Meeting Attendance**  
**March 13, 2013**

	<b>First</b>	<b>Last</b>	<b>Chapter/Office</b>	<b>Sr</b>	<b>Fellow</b>	<b>Email</b>
1	Abraham	Ishihara	CIS Chair			abe.ishihara@sv.cmu.edu
2	Arthur	Astrin	IT-Chair		<b>x</b>	astrin@ieee.org
3	Brian	Berg	SCV Jr Past Chair	<b>x</b>		brianberg@gmail.com
4	Ed	Aoki	SCV/CPMT Chair, SFBAC rep	<b>x</b>		e.aoki@ieee.org
5	Hans	Spanjaart	CS-Chair	<b>x</b>		Hans.Spanjaart@ieee.org
6	Jeffrey	Pawlan	SCV Nominations & Awards	<b>x</b>		pawlan@ieee.org
7	John	Swan	SCV-VC, Industry Relations	<b>x</b>		JohnSwan@ieee.org
8	Kendall	Waters	CNSV-Chair	<b>x</b>		kendall.waters@ieee.org
9	Kris	Verma	SCV-Past Chair (96-97)	<b>x</b>		krisverma@sbcglobal.net
10	Manuel	Ilagan	SCV-PACE Chair	<b>x</b>		manueli@ieee.org
11	Sachin	Desai	SCV, SSCS Treasurer			sachin.desai@ieee.org
12	Timothy	Worboys	GOLD-Chair			timothy.worboys@gmail.com
13	Tom	Coughlin	Region 6 Director-Elect	<b>x</b>		tom@tomcoughlin.com
14	Tom	McKay	SSC/MTT Member			tom.g.mckay@comcast.net
15	Yonghyun (Hov	Ro	SU-STB-Chair			yro@stanford.edu
16	Yoo-Hsiu (Yoo	Yeh	SCV-Secretary			yoohsiu.yeh@gmail.com
17	Dimitri	Loizos	CAS Chair			dloizos@gmail.com
18	C. John	Won	CSS Treasurer			johnwon@ieee.org
19	Pallab	Chatterjee	CES Vice Chair			pchatterjee@ieee.org
20	Fred	Pfost	LMAG Chair			fpfost@aol.com
21	Trevor	Meyerowitz	CS Secretary			trevor.meyerowitz@ieee.org
22	Michael	Patten	CNSV-Vice Chair			michaelpatten@ieee.org
23	Adithya	Naresh	CSS Secretary			anaresh@ieee.org
24	Alexandra	Lita	CSS Vice Chair			alita@ieee.org
25	Darin	Phelps	MTT Vice Chair			darin-phelps@agilent.com