



SCV ExCom Meeting Minutes – 5 December 2012

Cogswell College, Sunnyvale, CA

Attendance Count: 24 (*see Attendee Roster at end of these minutes*)

ExCom Officer Attendance		
Brian A. Berg	Chair	Present
Ed Aoki	Vice Chair	Present
Sachin Desai	Treasurer	Present
Jay Banwait	Secretary	Present

Brian Berg called the meeting to order at 6:14pm.

Acceptance of 7 November Meeting Minutes (Brian Berg)

Minutes accepted as distributed.

Acceptance of Meeting Agenda (Brian Berg)

Agenda accepted as distributed.

Presentation of Certificates of Appreciation (Brian Berg)

Brian had Certificates of Appreciation which he passed out to the 2012 officers, committee chairs and volunteers who were present at the meeting. The remaining certificates would be mailed out. The certificates thanked the following for their service to the Section:

1. Ed Aoki for Being Section Vice-Chair, CPMT Chapter Chair and SFBAC Secretary in 2012, and for His Heroic Work in Many Facets of the Section's Finances and Day-to-Day Operations
2. Sachin Desai for Taking on the Many Duties of Section Treasurer in 2012
3. Jay Banwait for Being Section Secretary in 2012
4. Jared Petrie for Being Section Webmaster and GOLD Chapter Chair in 2012, and for helping to Revitalize the VTS Chapter
5. Ram Sivaraman for Being Section vTools Expert in 2012, and for Running the 2013 Section Officers' Election
6. Kiran Gunnam for Being Section PACE Chair in 2012
7. Ken Doniger for Being Section Science Fair Chair, and for Assisting with Membership Development in 2012
8. David Craven for Being Section Student Activities Coordinator and for Helping to Establish the Lynbrook Engineering Club in 2012
9. Lee Colby for Being Section K-12 Education Coordinator and for Helping to Establish the Lynbrook Engineering Club in 2012
10. Jack Berg for Being Section Senior Member Advancement Chair in 2012
11. Paul Wesling for Being e-GRID Editor, and for His Part in Coordinating the Annual Training Event in 2012
12. Jeffrey Pawlan for Being Section and R6 Central Area Nominations & Awards Chair in 2012, and Congratulates Him as MTT Society Distinguished Microwave Lecturer for 2013-2015
13. Kim Parnell for Being Section Membership Development Chair and for Helping to Revitalize the VTS Chapter in 2012, and Congratulates Him on Being Named as an ASME Fellow



14. Dick Ahrons for Being Section IEEE Engineering Milestone Coordinator and CHM Liaison in 2012
15. Tom Coughlin for His Leadership in 2012, and Congratulates Him as the Incoming Region 6 Director-Elect
16. Roger Hoyt for Representing the Section as Region 6 Metro Area Workshop Chair in 2012
17. David Norlander for Being Section APS Chapter Chair in 2012
18. Shahram Mahdavi for Being Section CAS Chapter Chair in 2012
19. Sanjay Kasturia for Being Section Communications Society Chapter Chair in 2012
20. Lynn Omictin for Being SJSU Student Branch CPMT Chapter Chair in 2012
21. Abraham Ishihara for Being Section CIS Chapter Chair in 2012
22. Hans Spanjaart for Being Section Computer Society Chapter Chair in 2012
23. Michael Wang for Being Section CES Chapter Chair in 2012
24. Karl Mathia for Being Section CSS Chapter Chair in 2012
25. Ali Iranmanesh for Being Section Education Society Chapter Chair in 2012
26. Caroline Chan for Being Section EMC Chapter Chair in 2012
27. Toshishige Yamada for Being Section EDS Chapter Chair in 2012
28. Jim McIntosh for Being Section EMBS Chapter Chair in 2012
29. Brian Lee for Being Section IMS Chapter Chair in 2012
30. Arthur Astrin for Reviving the Section ITS Chapter, and for Being Section ITS Chapter Chair in 2012
31. Daniel Lottis for Being Section Magnetics Society Chapter Chair in 2012
32. Nima Shams for Being Section MTTs Chapter Chair in 2012
33. Dhaval Brahmhatt for Being SFBA Nanotechnology Council Chair in 2012, and for Helping to Revitalize the VTS Chapter
34. Vera Zhuang for Being Section Photonics Society Chapter Chair in 2012
35. Eric Wesoff for Being Section PhotoVoltaic Joint Society Chapter Chair in 2012
36. Matthew Senesky for Being Section PES Chapter Chair in 2012
37. Richard Celio for Being Section PES/IAS Chapter Chair in 2012
38. Ken Kapur for Being Section PSES Chapter Chair in 2012
39. Mike Silverman for Being Section Reliability Society Chapter Chair in 2012
40. David Wyland for Being Section RAS Chapter Chair in 2012
41. Bhaskar Saha for Being Section SPS Chapter Chair in 2012
42. Perry Chow for Being Section SSCS Chapter Chair in 2012
43. Atif Shaikh for Being Section TMC Chapter Chair in 2012
44. Clay Maynard for Being Section VTS Chapter Chair in 2012, and for His Many Years of Service to the Section VTS Chapter
45. Kendall Waters for Being Section CNSV Chapter Chair in 2012
46. Les Besser for Being Section LMAG Chapter Chair in 2012
47. Aashna Sinha for Being SJSU Student Branch Chapter Chair in 2012
48. Vijay Narasimhan for Being Stanford Univ. Student Branch EDS Chapter Chair in 2012
49. Aakanksha Chowdhery for Being Stanford Univ. Student Branch WIE Chapter Chair in 2012
50. Weilian Su for Being Monterey Bay Subsection Chair in 2012
51. Noorsher Ahmed for His Success in Establishing the Lynbrook Engineering Club at Lynbrook High School in 2012



Reliability Society Chapter (RS, Mike Silverman)

- \$3936.11 in the CBRS account
- Monthly meeting at Agilent Cupertino
- Upcoming Event
 - Tour of MASS precision in Dec
 - Grew attendance by 50%. 50 individuals on tours
 - Innovation conference in March

CAS/SSCS Short Course Funding – Follow-Up Report (CAS, Shahram Mahdavi)

- A CAS/SSCS joint short course titled “**RF Mixers: Analysis and Design Trade-offs**” was held at the TI Auditorium on Sat, Nov. 10, for which there was an anticipated shortfall of \$1000 due to an honorarium arrangement and limited event publicity notice
- At the Nov. 7 meeting, it was “Moved by Ed Aoki and Seconded by Kiran Gunnam, that this Short Course be approved and that the Co-Sponsors return in December to report,” and the motion was unanimously approved.
- Attendance was 66 including TI 19 personnel that attended for free

National Engineers Week: Future City Competition (Laura Lorenzo, Delta Dental)

- Northern California Regional Competition
- Sponsored as part of National Engineer Week
- Students use SIM City software to design a city
- A lot of girls participate in this event
- Students learn about a variety of careers
- Regional finals to be held at Cisco on January 19th 2013
 - 43 teams competing
 - Bring their models
 - Team Presentations
- Winner goes to National Finals in Washington DC
- All volunteer driven
- How can IEEE help?
 - Looking for Engineering Mentors
 - Society of Hispanic Engineers sponsoring
- The organization is looking for financial support/ funding.
 - Ed Aoki made a MOTION to provide \$1000 support for Future City competition. John Swan SECONDED the motion. It PASSED unanimously.

SAE Formula Electric Team (Dominic Villa, Mark Allison - Santa Clara University)

- Team is building a fully electric race car to enter in the 2014 SAE Formula Electric Competition
- Requesting sponsorship
- 2 year project Phase 1 and Phase 2



- Phase 1 cover the first year
- Need to purchase battery cells and Motor Controller
- Requesting \$3000 for Battery purchase

- Kim Parnell made a MOTION to provide \$2000 funding. David Craven SECONDED the motion. It PASSED unanimously.

Officer Reports

Chair (Brian Berg)

- IEEE has recovered after Hurricane Sandy
- Summary of many of this year's Section accomplishments
 - Elections and Honors Bestowed
 - Tom Coughlin elected as Region 6 Director-Elect
 - Jeffrey Pawlan named by the MTT Society as Distinguished Microwave Lecturer for the triennium 2013-2015
 - Kim Parnell named as a Fellow of ASME (American Society of Mechanical Engineers) for "Service to the Community"
 - Christopher Reed is one of three IEEE members named as an IEEE-USA 2013 Congressional Fellow
 - He will spend a year in Washington serving as an adviser to the U.S. Congress and to key U.S. Department of State decision-makers
 - Section Chapters and Entities
 - New: PhotoVoltaics (PV) Joint Society Chapter (Bob Herrick)
 - New: Stanford EDS Student Branch Chapter (Vijay Narasimhan)
 - Revived: Information Theory Society (ITS) Chapter (Art Astrin)
 - Revitalized: Vehicular Technology Society (VTS) Chapter (Kim Parnell, Dhaval Brahmhatt, Jared Petrie)
 - Lynbrook Engineering Club established at Lynbrook High School to establish an IEEE presence
 - Senior Member Advancement Committee (Jack Berg)
 - Over 60 members were elevated in 2012
 - IEEE Milestones
 - Eli Harari's inventions re: EEPROM and Flash Memory technology
 - 125th milestone dedicated by IEEE President Dr. Gordon Day
 - Aug. 20: dedication at Computer History Museum
 - Aug. 21: celebration at Flash Memory Summit
 - Apple 1 and][, and Apple Macintosh
 - Process has started for dual milestones
 - Awards
 - IEEE-USA 2012 Public Service Award for Congresswoman Zoe Lofgren
 - applied for by Kiran Gunnam



- award presented on Sept. 1 at a reception held at Marvell Technology Group's Santa Clara HQ
 - Computer Society's Meritorious Service Award
 - Given to John Swan for his work in reinvigorating the local Computer Society Chapter
 - Central Area Chair Special Award for IEEE Meritorious Service with extreme dedication and passion to Ed Aoki
 - Central Area Award for Outstanding Corporate Service to IEEE to Texas Instruments
 - Central Area Award for Best Chapter of the Year to SCV Computer Society Chapter
 - R6 and Central Area Awards for Outstanding Leadership and Professional Service to Brian Berg
- Conferences and events highlights
 - Sept. 28-29: R6 Metro Area Workshop
 - Best-attended amongst 6 workshops held in all US regions (270)
 - Received highest ratings amongst 6 workshops held in six US regions:
 - 90 of the 270 attendees responded to the survey
 - With 1=not at all satisfied and 5=very satisfied, none ranked it 1 or 2, 11% gave it 3, 42% gave it 4 and 47% gave it 5
 - Only workshop to get sponsorships (Cadence, SanDisk, Haynes & Boone, Berg Software Design, CPMT Chapter, CNSV, SCV Section)
 - 10% of attendees became IEEE members
 - Next Generation Circuit & Systems, Communication and Sensor Technologies in Mobile Devices (Sat, Sept. 29, Santa Clara Univ.)
 - Successful cooperation of two IEEE Societies: ComSoc and CAS
 - Successful SCU outreach: free admission to almost 40 students
 - No SCV Section subsidy (InvenSense providing sponsorship)
- STEM Visas
 - Mention of the SCV Section in the *San Jose Mercury News* re: STEM Visa proposals in Congress
- R6 Women in Engineering (WIE) event: *Partnering to Encourage Entry Into and Enhance Sustainability of Women in Technology*
 - Google, Mtn. View: 23-24 January 2013
 - Wed, Dec. 12, 9-10am Conference Call to discuss conference
 - 866-203-0920, code: 473 362 7242
 - If interested, Brian can be contacted with questions
 - It would be great if this can spark revival of the SCV WIE AG chapter



Vice Chair (Ed Aoki)

- Preparation for Officers Training Event (26 January 2013 at Michaels, Mtn. View)
- Engineers Week Banquet (Tue, Feb. 19)
 - As is tradition, the Section should sponsor two scholarships at \$1000, and five banquet tables at (likely) \$850, for a total of \$6250
 - Dick Ahrons made a MOTION re: the 2013 Engineers Week Banquet for sponsorship of four tables (at a cost not to exceed \$750/table) and two \$1000 scholarships. Kris Verma SECONDED the motion. It PASSED unanimously.
- Global Humanitarian Technology Conference (GHTC) 2013
 - 2013 conference funding of \$6000 has been requested from SFBAC
 - Details of the 2011 conference are incomplete, and details of the 2012 conference have not yet been received.
 - Dick Ahrons made a MOTION that the Section provide monetary support to the 2013 Global Humanitarian Technology Conference (GHTC) were it to be held within the boundaries of the Santa Clara Valley Section. Jack Berg SECONDED the motion. After some discussion, David Craven made a MOTION to table the previous motion. Jack Berg SECONDED the motion. It PASSED unanimously.
- Metro Area Workshop status
- SAMIEEE 101 Material
 - Reviewed material that he will be presenting at the Officers training

Treasurer (Sachin Desai)

- Provided a report on financials and CBRS account balances
 - Market value 50,568.26
 - Cost Basis 44574.30
 - Interest 544.85

Secretary (Jay Banwait)

- Chapter reporting
- Will add Training session in Officers training meeting

PACE (Kiran Gunnam)

- Reported on Finances for the last year
 - 9 events for 2012
 - Expenses: \$5560
 - Earnings: \$4850
 - Cost of the events: \$610



Committee Reports

IEEE/Computer History Museum (CHM) Relationship and IEEE Engineering Milestones Report (Dick Ahrons)

- Milestones report
- Jan. 7 at Michaels Restaurant:
 - **How the Microprocessor Changed Everything in Silicon Valley**
 - Intel (Dave House), Sun Micro (Uday Kapoor) and MIPS (TBD)

K-12 (Lee Colby)

- Student Noorsher Ahmed's status re: Lynbrook High School's Lynbrook Engineering Club
 - They have registered around 42 members so far and have around 25 regular members. They have organized 4 teams to compete in the Tech Challenge at the Tech Museum, though it seems that they may be having 5 to 6 teams since many more people seem to be interested in it.
 - They are also planning to start several projects beginning January. Of course, these all will require some amount of funding. Noorsher is holding several meetings with his officers to calculate a detailed itemized list on how much money they need and for what, and he will let us know as soon as possible. They will also get in contact with the societies in IEEE to get support from them as well. However, they would really like it if they can get a speaker before the end of this school year (only 2 school weeks left before finals week and winter break).

Old Business

- None

New Business

- None
- **Next Meeting: 9 January 2013, Cogswell College Board Room**

Chapter Reports for 9 January 2013 (Max. 6 Minutes each)

1. (no reports until February)
- 2.
- 3.
- 4.

Meeting adjourned at 9:08pm.

Minutes respectfully submitted by SCV Secretary Jay Banwait.



No.	First	Last	Chapter/Office	Senior	Fellow	Email
1	Arthur	Astrin	IT Chair		x	astrin@ieee.org
2	Brian	Berg	SCV Chair	x		brianberg@gmail.com
3	Bryan	Bidwell	SCU Formula Electric			bbidwell@scu.edu
4	Carlos	Streegan	SCU Formula Electric			cstreegan@scu.edu
5	David	Craven	SCV-Student Activities Coordinator			david.craven@lamrc.com
6	David	Norlander	APS Secretary			david_norlander@yahoo.com
7	Dick	Ahrons	SCV-IEEE Engr Milestone Coordinator	x		ahrons@alum.mit.edu
8	Dominic	Villa	SCU Formula Electric			dominicvilla8@gmail.com
9	Ed	Aoki	SCV Vice-Chair, CPMT Chair	x		e.aoki@ieee.org
10	Jackson	Smith	SCU Formula Electric			J4smith@scu.edu
11	Jared	Petrie	SCV-Webmaster, GOLD Chair			scv_webmaster@ieee.org
12	Jay	Banwait	SCV-Secretary	x		jsbanwait@ieee.org
13	Jeffrey	Pawlan	SCV-Nominations & Awards Chair	x		pawlan@ieee.org
14	John	Swan	EDPS Conference Chair	x		JohnSwan@ieee.org
15	Kendall	Waters	CNSV Chair	x		kendall.waters@ieee.org
16	Kim	Parnell	SCV Junior Past Chair	x		kim.parnell@stanfordalumni.org
17	Kiran	Gunnam	SCV-PACE Chair	x		kgunnam@ieee.org
18	Kris	Verma	SCV-Past Chair (1996-97)	x		kris1@isqed.com
19	Laura	Lorenzo	Future City			laura.lorenzo@gmail.com
20	Mark	Allison	SCU Formula Electric			mwfallison@gmail.com
21	Sachin	Desai	SCV Treasurer			sachin.desai@ieee.org
22	Shahram	Mahdavi	CAS Chair			shahramm20@yahoo.com
23	Stuart	Hupson	SCU Formula Electric			shupson@scu.edu
24	Toshishige	Yamada	ED Chair	x		tyamada@ieee.org