SCV ExCom Meeting Minutes – September 7, 2011
Cogswell College, Sunnyvale, CA

Attendance Count: 29 (**see Attendee Roster at end of these minutes**)

ExCom Officer Attendance		
Kim Parnell	Chair	Present
Brian A. Berg	Vice Chair (acting Secretary)	Present
Ed Aoki	Secretary (acting Treasurer)	Present

Kim Parnell called the meeting to order at 6:00 pm.

June Meeting Minutes (Kim Parnell)
Kim asked if there were any objections to acceptance of the minutes from the 1 June 2011 meeting as circulated on the listserver. Hearing no objections, the minutes were accepted.

September Meeting Agenda (Kim Parnell)
Kim asked if there were any changes to the agenda that had been circulated prior to the meeting. Hearing no objections, the agenda was accepted.

Chapter Report #1: Power Electronics Society (PELS) (Matt Senesky, Chair)
- Matt reviewed the current chapter officers
- Financials provided: $4328 in the bank
- There are 225 chapter members; mailing list has 274 subscribers
- 3rd Wed. of the month at National Semiconductor, at least about 8 times per year
- Supporting creation of the Photovoltaic chapter
- Supporting Power Supply on Chip (PwrSoC) conf. in San Francisco in 2012

Chapter Report #2: Reliability Society (RS) (John Elerath, Secretary and Treasurer)
- John reviewed the current chapter officers
- Financials provided: $4129 in the bank
- 79 members
- Regular monthly meetings on first Thursday of the month

Chapter Report #3: Life Member Affinity Group (LMAG) (Les Besser, Chair)
- Les reviewed the current chapter officers
- Just started the chapter this summer
- Les said he needs some hand-holding re: a website for this new chapter; Jared Petrie said he could provide some assistance
- A talk on Global Warming was held on Tue, June 7, at the Santa Clara County Educational Center was very successful, but money was lost since the entry fee did not cover all the costs
- Ed Aoki made a MOTION that $500 be allocated to support the LMAG. This was SECONDED Lee Colby. The motion PASSED with 8 in favor, 1 opposed and 1 abstention (and many in attendance did not vote).
- Future meetings are planned.

Chapter Report #4: SJSU Student Chapter (Dylan Guldiken, Chair; Jagbir Kalirai, Vice Chair)

- The chapter's Mission Statement is "to encourage, develop, and support our student members so they may succeed in their education and future careers."
- Its Goals are:
    - o Create a warm, welcoming atmosphere for incoming freshmen and transfer students
    - o Get other majors involved with activities and tech talks
    - o Foster student and faculty relationships
    - o Recruit
        - ▪ New members (Incoming EE Majors)
        - ▪ Physics and Math Majors
            - • Estimated 40-50 new members
- A number of events are planned for the year, including:
    - o Networking events with SJSU Alumni, Industry Leaders, and Faculty
    - o Tech Talks (from industry and faculty) (at a myriad of times)
    - o High School Outreach (plant the seed re: what EE is)
    - o Social Events with other universities (Stanford, SCU, etc…) and possibly Industry/Faculty
    - o IEEE Banquet
- Exciting News: first Tech Talk will be on Sept. 14, with Tom Werner, SunPower's CEO
    - o Suggestions for other tech speakers would be greatly appreciated!

Officer Reports

SC2011 Report (Kim Parnell, Brian Berg, Ed Aoki)

- Sections Congress 2011 (SC2011) was held on Aug.19-22, 2011 in San Francisco
    - o It was an outstanding effort by Tom Coughlin, with assistance from Roger Hoyt
    - o Ed Aoki, Allen Earman and Dick Ahrons were instrumental in the success of the Computer History Museum (CHM) visit by SC2011 attendees on Sun, Aug. 21
- There was a hearty round of applause for the great way that visitors from around the world were made to feel welcome

Chair (Kim Parnell)

- A Region 6 meeting preceding SC2011
- There needs to be an increased focus on prioritizing and weighing the relative merits of funding requests
- As Karl Mathia, SCV Treasurer, relocated to Portland, OR, in August, he resigned and Ed Aoki then assumed Treasurer responsibilities (just as Ed did when Karl was in Austria earlier this year)
- Dick Ahrons made a MOTION that Ed Aoki be named the new SCV Section Treasurer. This was SECONDED by Jack Berg. The motion PASSED unanimously.
- Ed was thanked for all of his hard work.
- Kim encouraged all attendees, and all SCV members, to vote in the current IEEE Election. Votes must be cast by Oct. 2. There was some discussion re: the candidates.
- The SCV Photovoltaic Chapter is closer to reality
    - o Kim showed an email from Paul Wesling noting this fact

Vice Chair (Brian Berg)

- Brian noted the passing on Aug. 6th of IEEE Fellow and Agilent Fellow Nick Moll. Nick was an industrial scientist at the forefront of semiconductor research at Hewlett Packard Labs and Agilent Labs. He held 13 patents in transistor materials and methods, with a particular interest in fiber optics and LEDs. He served for six years as the editor on compound semiconductor devices for "IEEE Transactions on Electron Devices." His father, John Moll, co-developed the Ebers-Moll transistor model. Brian asks that any personal comments re: Nick be sent to him at b.berg@ieee.org and he will send these to Nick's widow.
    - o (Following the meeting, and per his widow's request, Brian communicated with IEEE to insure that Nick's obituary would appear on the IEEE Institute website. This will happen in mid-October.)
- Two IEEE Spectrum events are upcoming in October at the Computer History Museum:
    - o Tue, Oct. 4: Silicon Valley's Impact on the Automotive Industry
    - o Mon, Oct. 24: Reinventing Infrastructure for High Speed Rail
- SCV Elections are upcoming
    - o Ram Sivaraman said he will send out a solicitation for officer nominations

Treasurer (Ed Aoki, Treasurer)

- The IEEE Audit of the IEEE-SCV Section was approved without any issues. A big thanks to Ed Aoki (and Karl Mathia) for achieving this goal.
- Ed gave a Treasurer's Report covering the major expenses and receipts for the summer months
    - o Chapter Rebates (June):
        - ▪ IEEE Transfers: $12,600 and Checks: $7,700
    - o Other expenses (July)
        - ▪ Webmaster Remuneration (2nd Half, 2010 and Q1, 2011): $3,000
        - ▪ SCU Formula Hybrid: $1,500
    - o SC2011-Associated Expenses Reimbursed by SC2011 Committee (August):
        - ▪ $10,000.00 deposit and $15,819.03 final payment
    - o Receipts: $9,718 realized gain on LT investment

Secretary (Ed Aoki)

- Ed requested his notification of loss of Chapter Officers in a timely manner.

PACE (Kiran Gunnam)

- PACE has a new, well-organized website
- Three new volunteers are event coordinators: Neeta S Srivastav, Manuel Ilagan and Sanjeev
- Events in July and August each had about 34 attendees at KeyPoint Credit Union:
    - o July 21: *Intellectual Property Traps and Opportunities for Employed Future Entrepreneurs*
    - o August 18: Russ Harrison, who was in town for SC2011, spoke on *USA Public Policy: Concerns for Engineers*
- Kiran reported that he was a happy new father

Committee Reports

SF Bay Area Council (SFBAC) (Fred Jones)
- The volunteer thank-you event at Michaels attracted 120 attendees, and was very successful
- Some meeting attendees who were at the lunch complimented Fred on a very well-planned event

IEEE/Computer History Museum (CHM) Relationship and IEEE Engineering Milestones Report (Dick Ahrons)
- Dick noted that David Craven is working with the various student chapters to arrange for a Bay Area-wide gathering at the CHM
  - The general idea is to share best practices and what kinds of activities work well
  - The event will likely be scheduled a few weeks after the students get settled in for the fall.
- Dick noted that he and Brian Berg are working on an IEEE Milestone for Data Storage in Flash Memory

Discover "E" 2011 (Kim Parnell)
- Kim discussed that fact that there was a request for Engineer visits to K-6 classrooms
  - 59 Schools are on the waiting list
  - Can our section help?
  - Can we coordinate with some of the local chapters?
  - Could the Education Society help?
  - http://www.svec.org/DiscoverE/engrsnup.html

Educational Activities Chair (Ken Doniger)
- Ken had nothing to report

K-12 (Lee Colby)
- Lee said he needs help with the assembly of some fuel cells
- Frank Tang offered to help

Student Activities Coordinator (SAC) Chair & University Student Groups (David Craven)
- David is planning the first annual Bay Area Student Forum
- He is pursuing getting on getting some local executives to speak, and has various other plans

R6 Central Area (Ram Sivaraman)
- Fall meeting will be held on Oct. 8 at SJSU
- Spring meeting date TBD
- Tom Coughlin may run for Region 6 Director

Membership Chair (Brian Berg)
- Brian brought lots of 2012 membership materials which were set up on the table, and that they were all up for grabs

Nominations and Awards (Jeffrey Pawlan)
- Jeffrey noted that he gave out the Section awards at the June meeting
- Jeffrey also noted that he is the only Section Awards Chair in the entire Area, and that none of the other Sections nominated anyone for awards. As a result, our Section won all the Area awards.
- Jeffrey also found out that Micron gives paid time off for work done in support of IEEE, and that Micron also donates to IEEE

Webmaster (Jared Petrie, Acting Webmaster)
- Helped Art with the Information Theory website, and is working on a few chapters' sites

Senior Member Advancement Chair (Ed Aoki, for Jack Berg)
- A Senior Member Elevation event was held at Cogswell College on Monday, June 27
- Ten Senior Members were there to act as references for the 29 in attendance who wanted to become Senior Members, and 14 of those have been elevated to Senior Member so far
- Another event is planned for October

GOLD (Sachin Desai)
- There was a self-funded Laser Tag event that had 42 in attendance
- An event in Berkeley prior to SC2011 attracted about 110
- There was also a multicultural event
- SC2011-CHM: all officers and some volunteers showed up
- An event titled "Mountain of Big Data: A Hiker's Guide" event is scheduled for Sept. 15 at Stanford's Huang Engineering Center. Speakers are:
    - Dr. Tom Coughlin of Coughlin Associates
    - Dr. Mark Day, Chief Scientist at Riverbed
    - Dr. Gordon Brebner, Distinguished Engineer at Xilinx

Old Business

There was no Old Business.

New Business

ISMICT 2012 Conference (Arthur Astrin)
- This is the 6th International Symposium on Medical Information and Communication Technology, which will be held in the U.S. in March 2012
- A motion passed at the 1 June meeting giving the Section's moral support to this event.
- Art made a MOTION for a loan of $5000 in support of this conference, with the contingency (as amended by Dick Ahrons) that the event take place within the territory of the SFBAC (since it is currently scheduled to take place in San Diego). Ken Doniger SECONDED the motion. The motion PASSED unanimously.

Information Theory Chapter (Arthur Astrin)

- Arthur has resurrected the Information Theory Chapter, and it will likely meet at Stanford on the 4th Wed. of the month.

CPMT Workshop (Ed Aoki)

- CPMT will be holding a Workshop on Chip-Packaging Co-Design for High Performance Electronic Systems (CPCW) at the TechMart in Santa Clara on Sept. 19-20
- This will be a simultaneous physical and e-workshop
- It is aimed at systems, signal integrity, power integrity, circuit design, and reliability engineers wishing to better understand challenges and solutions in system design, manufacturing, and qualification.
- The CPMT Society and the local chapter are each 50% sponsors, sharing equally in any profit or loss.
- The targets are as follows:
  - Attendance: 70 (including non-IEEE, non-CPMT members)
  - Revenue: $ 23,000 (90% registration)
  - Expenses: $ 17,000 (80% per-capita)
  - Expected Surplus: $ 6,000
  - Maximum downside: $ 6,000
  - SCV-CPMT Share of loss: $ 3,000

- **Next Meeting: 5 October 2011, Cogswell College Board Room**

Chapter Reports for 5 October 2011 (Max. 6 Minutes each)

1. Joint Power Engineering & Industry Applications Society PES/IAS
2. Robotics and Automation Society RAS
3. Signal Processing Society SPS
4. Solid State Circuits Society SSCS
5. Technology Management Council EMS

The meeting was adjourned at 8:27 pm.

Respectfully submitted by acting SCV Secretary Brian Berg

#	First	Last	Chapter/Office	Senior	Fellow	Email
1	Angie	Aingaran (?)	Member			aingaran@gmail.com (?)
2	Arthur	Astrin	IT-Chair		x	astrin@ieee.org
3	Brian	Berg	SCV Vice Chair, Membership	x		brianberg@gmail.com
4	David	Craven	SCV-Student Activities Coordinator			david.craven@lamrc.com
5	David	Wyland	RAS-Chair	x		dcwyland@ix.netcom.com
6	Dick	Ahrons	SCV-IEEE Engineering Milestone Coordinator	x		ahrons@alum.mit.edu
7	Dylan	Guldiken	SJSU-STB-Chair			dylan_guldiken@msn.com
8	Ed	Aoki	SCV Secretary/Treasurer	x		e.aoki@ieee.org
9	Frank	Tang	SJSU-SBC-CPMT-Secretary			tang frankt_cpmt@yahoo.com
10	Fred	Jones	SFBAC Representative	x		f.jones@ieee.org
11	Jack	Berg	SCV Senior Member Advancement	x		johneberg@gmail.com
12	Jag	Kalirai	SJSU-STB-Vice-Chair			jagbirk1@hotmail.com
13	Jared	Petrie	SCV-Webmaster			scv_webmaster@ieee.org
14	Jeffrey	Pawlan	SCV Nominations & Awards	x		pawlan@ieee.org
15	Jon	Elerath	RS-Secretary.Treasurer			jelerath@comcast.net
16	Ken	Doniger	SCV-Education Activities Chair	x		k.doniger@ieee.org
17	Kim	Parnell	SCV Chair	x		kim.parnell@stanfordalumni.org
18	Kiran	Gunnam	SCV-PACE Chair	x		kgunnam@ieee.org
19	Kris	Verma	Nano TC			verma kris@svtii.com
20	Larry	Nagel	CNSV-Chair		x	lwn@omega-enterprises.net
21	Lee	Colby	SCV Chair Emeritus, K-12	x		lee.colby@ieee.org
22	Les	Besser	LM Chair		x	LesBesser@aol.com
23	Marie	Weber	GOLD-Social			marie.d.weber@ieee.org
24	Matthew	Senesky	PEL-Chair			senesky@gmail.com
25	Mohamed	Sayed	SCV-MTT	x		mmsayed@ieee.org
26	Rahul	Pandey	Stanford-STB-Chair			rkpandey@stanford.edu
27	Ram	Sivaraman	SCV-past Senior Past Chair	x		ramsivaraman@ieee.org
28	Sachin	Desai	GOLD-Chair			sachin.desai@ieee.org
29	Vijay	Narasimhan	Stanford EDS			vijay_narasimhan@ieee.org