SCV ExCom Meeting Minutes – December 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 6:03 pm.

November Meeting Minutes (Kim Parnell)
Kim asked if there were any objections to acceptance of the minutes from the 2 November 2011 meeting as circulated on the listserver. Hearing no objections, the minutes were accepted.

December 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.

Santa Clara Univ. Formula Hybrid (SCU-STB: Formula SAE Hybrid) (Robert Kozak, Orianna Hilliard (SCU-STB Chair), Mike Oberti)
- The program is aligned with the Society of Automotive Engineers (SAE)
- This project is the basis of five senior theses
- The challenges of the controls system were discussed, including battery management
- Kleenspeed is one of their sponsors, and they have helped a lot
- Roxsana Hadjizadeh made a MOTION that $2000 be allocated for this program, and Dick Ahrons SECONDED the motion. The motion PASSED with all voting yes except for one person.

Future City Competition (Dan O'Malley, No. Calif. Future City Competition Regional Director/Sr. Prod. Manager, Cisco Systems)
- Middle school students imagine, design and build a future city using Sim City 4, and an essay is written on an engineering problem
- Winners are sent to DC during National Engineers Week in Feb.
- More info is at www.FutureCity.org
- We are one of 40 regions around the country that participate
- Dan asked for funding of $2,000 (10% of total funding)
- Ed Aoki made a MOTION that $2000 be allocated for this program, and Roxsana Hadjizadeh SECONDED the motion. The motion PASSED with all voting yes except for one person.

Chapter Report #1: San Jose State Univ. STB (SJSU STB) (Dylan Guldiken, Chair; Jagbir Kalirai. Vice Chair)
- Financials provided: $5966 in the bank

- Recent events include tech talks by HP, Brocade and Synopsys, a talk on real estate (what to expect when buying a house) and a GRE talk by The Princeton Review
- There also was a trip to Flextronics, and an upcoming trip to Tesla
- "IEEE is the place to be" thanks to the STB-organized events, projects, etc.
- An audio equalizer project was discussed, and the need for it to be funded
- Vijay Narasimhan of Stanford praised this as a good project since it would benefit so many students at a reasonable cost
- Ed Aoki made a MOTION that $1250 be allocated to the SJSU STB, with $1000 for this audio equalizer project and $250 for an officer appreciation special event and to plan for next semester. Larry Nagel SECONDED the motion, and it PASSED unanimously.
- They picked up a $250 check for the SJSU CPMT Student Branch Chapter as well since it has not been requested previously this year.

IEEE-SCV Section Elections (Ram Sivaraman)
- Ram announced the results of the recently concluded section election
- 11,387 received ballots, and about 2.5% of these voted
- The Nominating Committee was Ram Sivaraman, Lee Colby, Fred Jones, Tom Coughlin
- The Nominees and winners were:
    - Chair: Brian Berg
    - Vice-Chair: Ed Aoki
    - Treasurer: Sachin Desai
    - Secretary: Jay Banwait
    - PACE Chair: Kiran Gunnam

Chapter Report #2: Information Theory Society (ITS) (Art Astrin, Chair)
- Art Astrin was congratulated for reviving the Information Theory Society Chapter
- Art noted that the IT Society was originally started by Claude Shannon, and that IT is among the few disciplines fortunate to have a precise date of birth: 1948, with the publication of Claude E. Shannon's paper entitled" **A Mathematical Theory of Communication**."
- Bob Gray and Thomas Cover at Stanford encouraged the revival of the chapter
- Chapter officers are Art (Chair and Treasurer) and Allen Earman (Vice Chair)
- Financials provided: $3568 in the bank
- There are 113 chapter members
- The chapter has already had three talks, including Martin Hellman

Chapter Report #3: Photovoltaic Joint Society Chapter (PV) (Bob Herrick, Treasurer)
- The Silicon Valley Photovoltaic Society had been an independent technical society, with no affiliations or membership dues, and Jurgen Daniel was running this at PARC
- Monthly talks whose topic was solar energy, and renewable energy more broadly, have been drawing typically 50-140 at Xerox PARC Auditorium on the 2nd Wed of the month
- Bob Herrick made the original proposal in October 2010 for this to become part of IEEE
- The PhotoVoltaic (PV) joint chapter now officially exists, and is supported by the Photonics, Power Electronics and CPMT chapters (which gives it 743 members)
- SCV approved $500 in seed money in October 2010; these funds will be transferred directly into a CBRS account once it has been established

- Elections will be held at the end of 2012; Bob Herrick is the current Treasurer

Chapter Report #4: Stanford EDS Student Branch Chapter (SU-SBC-EDS) (Vijay Narasimhan, Chair)

- This new Student Branch Chapter was approved in August
- Vijay noted that they have 9 members, but are growing
- Their launch event was on Oct. 21, with two talks and a pizza lunch
- Their SBC will be featured in the January EDS Newsletter
- Upcoming events are lectures in the Winter and Spring Quarters
- All the events are being video'ed by Stanford

Officer Reports

Chair (Kim Parnell)

- Kim extended his congratulations on the formal approval of the Photovoltaic (PV) Joint Society Chapter, the revival of the Information Theory Society (ITS) chapter and the formation of the Stanford EDS Student Branch Chapter. These are making our section ever stronger!
- Kim noted that there were very successful Senior Member Elevation events that helped our section set a record of 82 members being elevated to Senior Member – this surpasses the UK Section's count of 79
- Potential issues upcoming including the IEEE MGA levy against Sections to cover the MGA Pension shortfall (more info upcoming in the Treasurer's Report)
- Kim encouraged the Section chapters to attend to the following tasks:
  o work on their year-end financials
  o make sure Meeting Reports are current
  o select candidates for chapter elections
- Kim thanked Ed and Brian for their service this year
- Kris Verma said that Ed went extra mile for new chapters, etc.
- Brian added that he considered Ed's work for most of the Secretary's duties as well as those of the Treasurer to be absolutely indispensable for the Section

Vice Chair (Brian Berg)

- Brian discussed the upcoming MGA Metro Area Workshop (MAW)
  o SCV was chosen as the Region 6 Host Section for this technical event
  o There is a goal of at least 300 attendees
  o Vijay offered to be a good contact for Stanford, e.g., a webinar
- Brian reminded attendees that Jan. 21 is the SFBAC Officers' Training Day at Michaels in Mtn. View

Treasurer (Ed Aoki, Treasurer)

- Ed talked about the anticipated $48,000 charge for the MGA pension fund
- Roger Hoyt talked about a similar scheme that happened 4-5 years ago
- Ed, Roger and Brian said that they would be caucusing about this

PACE (Kiran Gunnam, PACE Chair)

- Recent event: Career Networking Night: Wed., Nov. 30, at KeyPoint Credit Union

- o 52 attendees, 3 recruiting companies
  - o 4 PACE volunteers
- Plans for next year
  - o Looking for 3-6 more volunteers
  - o Speaker events: 2; career networking events: 4

Committee Reports

IEEE/Computer History Museum (CHM) Relationship and IEEE Engineering Milestones Report (Dick Ahrons)
- Brian Berg reported on the IEEE Milestone for Data Storage in Flash Memory
- The need for more local milestones was discussed
- Roger Hoyt said that a list of about 20 potential milestones was created about 5 years ago; he will send a copy of that to Brian

K-12 (Lee Colby)
- There is a Robotics Contest for kids that he is working on
- Lee is working with a school in Sunnyvale
- Lee noted that Science Fairs are starting up
- Ed reminded Lee that he has $700 in the bank

Bay Area Student Officers' Forum (Jared Petrie)
- This event was coordinated by David Craven, and held at the Computer History Museum on Nov. 12
- Goal: How to make student branches better
- Included a "Revolution Explore" event in the new exhibition
- Participating schools included SJSU, Stanford, UC Santa Cruz, Naval Postgraduate School and DeVry
- The GOLD chapter participated as well

Membership (Brian Berg)
- Brian said that he is hoping to get a good Membership Chair for 2012

Nominations and Awards (Jeffrey Pawlan)
- Jeff said that Paul Wesling was nominated for an Innovation Award, but that did not win

Webmaster (Jared Petrie)
- Not too many updates this past month

GOLD (Sachin Desai)
- Sachin reported on the successful revival of the GOLD chapter during 2011
- The chapter held seven technical events, including one coordinated with SC2011 at UC Berkeley which drew 120 attendees, and one co-sponsored with PACE
- There also were two social events and ten admin meetings
- The chapter was featured in GOLDRush
- Funds in the bank: $1800, and most events were cash-positive

- Sachin Desai made a MOTION that $500 be allocated for the GOLD year-end event. Brian Berg SECONDED the motion, and it PASSED unanimously.

SFBAC (Fred Jones)
- Fred said he would attend the Jan. 9 meeting at the IHOP in Foster City
- On a side note, Fred said he would be lessening his involvement with PES/IAS, and that he would no longer be involved with the Calif. Legislative Council for Professional Engineers (CLCPE)

Old Business

- None.

New Business

International Reliability Innovations Symposium (IRIS 2012) (Nematollah Bidokhti, IRIS 2012 General & Program Chair)
- This is a joint effort between Cisco and the Reliability Chapter
- The date is Friday, March 16, 2012 at Cisco, 285 West Tasman Dr., San Jose
- 12 reliability topics will be covered
- The website is www.ReliabilityInnovations.org

Life Members Affinity Group Chapter (Lee Colby, Secretary)
- There was a talk about the Laser Fusion Ignition Facility at Lawrence Livermore Labs at Michaels

People Who Recently Died (Roger Hoyt)
- Rita Lynott (widow of John Lynott, co-inventor of the IBM RAMAC who is in the National Inventors Hall of Fame)
- Jane Evans
  - Chaired SCV Section (1979-1980)
  - Chaired WESCON, plus many other local and national IEEE events
  - An SVEC "Hall of Fame" honoree in 1999
    - See http://www.svec.org/hall-of-fame-1999.html
  - First woman EE graduate from SJSU
  - At HP for 25 years
    - worked on first atomic clock, several instruments and RTE, a real time operating system

The meeting was adjourned at 9:12 pm.

Respectfully submitted by SCV Acting Secretary Brian Berg

No.	First	Last	Chapter/Office	Senior	Fellow	Email
1	Anshul	Bansal	GOLD-Treasurer			
2	Arthur	Astrin	IT-Chair		x	astrin@ieee.org
3	Atif	Shaikh	TMC Chair-Elect			atifrshaikh@gmail.com
4	Brian	Berg	SCV Vice Chair, Membership	x		brianberg@gmail.com
5	Carl	Angotti	TMC-Chair			carl@angotti.com
6	Dan	O'Malley	No. Calif. Future City Competition Committee			?
7	Dick	Ahrons	SCV-IEEE Engr Milestone Coordinator	x		ahrons@alum.mit.edu
8	Dylan	Guldiken	SJSU-STB-Chair			dylan_guldiken@msn.com
9	Ed	Aoki	SCV Secretary/Treasurer	x		e.aoki@ieee.org
10	Ed	Katz	RAS Past Chair	x		e.p.katz@ieee.org
11	Fred	Jones	SFBAC Representative	x		f.jones@ieee.org
12	Jagbir	Kalirai	SJSU STB Vice Chair			jagbirk1@hotmail.com
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14	Jeffrey	Pawlan	SCV Nominations & Awards	x		pawlan@ieee.org
15	Kim	Parnell	SCV Chair	x		kim.parnell@stanfordalumni.org
16	Kiran	Gunnam	SCV-PACE Chair	x		kgunnam@ieee.org
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19	Lee	Colby	SCV Chair Emeritus, K-12	x		lee.colby@ieee.org
20	Mike	Oberti	Santa Clara Univ.: Formula SAE Hybrid			mike@oberti.com
21	Nematollah	Bidokhti	Reliability			six9sreliable@yahoo.com
22	Orianna	Hilliard	SCU-STB-Chair			mohilliard@scu.edu
23	Ram	Sivaraman	SCV-past Senior Past Chair	x		ramsivaraman@ieee.org
24	Robert	Herrick	PV Treasurer	x		bob_herrick@sbcglobal.net
25	Robert	Kozak	Santa Clara Univ.: Formula SAE Hybrid			r87mauric@sbcglobal.net
26	Roger	Hoyt	SC2011 Local Chair		x	r.hoyt@ieee.org
27	Roxsana	Hadjizadeh	SCV Sr Past Chair	x		roxsana@ieee.org
28	Sachin	Desai	GOLD-Chair			sachin.desai@ieee.org
29	Vijay	Narasimhan	SU-SBC-EDS Chair			vijay_narasimha@ieee.org