



SCV ExCom Meeting Minutes – September 1, 2010
Cogswell College, Sunnyvale, CA

Attendance Count: 33 (*see Attendee Roster at end of these minutes*)

ExCom Officer Attendance

Allen Earman	Chair	Present
Kim Parnell	Vice Chair	Present
Mohamed Sayed	Treasurer	Absent
Brian A. Berg	Secretary	Present

Allen Earman called the meeting to order at 6:00pm.

June Meeting Minutes (Allen Earman)

Allen asked if there were any objections to acceptance of the minutes from the 2 June 2010 meeting as circulated on the listserver and posted on the SCV website prior to this meeting. Hearing no objections, the minutes were accepted.

September Meeting Agenda (Allen Earman)

Allen asked if there were any changes to the agenda that had been circulated prior to the meeting. Changes were requested by Allen himself, as well as Roxsana Hadjizadeh (who wanted to make an announcement). The agenda was accepted as thereby updated.

SJSU Student Branch Update (Michael Hu, Webmaster; Pratheepa Santhiranayagam, Treasurer)

Webmaster Michael Hu noted that he had created a new SJSU Student Branch website which includes:

- Resources section: Xilinx, PSPICE and Cadence tutorial videos and pdf files
- Projects section: MicroMouse, FormulaHybrid and NatCar (UC Davis-sponsored) as well as On-Campus Projects
- Tech-Talks: allows companies to network with the students
- Sponsors page: IEEE's support is credited

Announcement (Roxsana Hadjizadeh, SCV Junior Past Chair)

IEEE Spectrum Media would like to have a joint event again this year like last year's SmartGrid event. The topic could perhaps be cloud computing or electric vehicles. A sponsorship request will be circulated.

SJSU FormulaHybrid Report (Michael Bella, John Monson, both of SJSU FormulaHybrid Team)

Michael Bella, who is in charge of the electrical aspects of the FormulaHybrid vehicle discussed the 2010 FormulaHybrid Setbacks:

- Battery pack
 - Vehicle weight
 - Boost converter
 - Motor controller performance
- He then described improvement planned for 2011:
- Custom motor controllers

- Full battery management system
- In-car data acquisition and processing (National Instruments donation)
- Higher current battery pack (lithium polymer; more performance gain, but more fragile)
- Lower mass electrical system

These improvements should increase scores in the various sections.



Michael said that the FormulaHybrid team would like to come back later in the school year to provide SCV with an updated vehicle report.

Michael and FormulaHybrid Team Manager John Monson then presented a Certificate of Appreciation to Allen Earman, and thanked IEEE-SCV for its history of support of the FormulaHybrid team.

Pictured at left are Allen Earman, John Monson and Michael Bella.

Chapter Report #1: Computational Intelligence Society (CIS) Chapter (Bernard Widrow, Chair; Ed Katz, Secretary)

- Bernard reviewed the current chapter officers
- Financials provided: \$321.46 in the bank
- The number of active chapter members was not provided during the presentation
- Meetings this year included
 - June 10 presentation by Bernd Girod who spoke on pattern recognition
 - Upcoming Sept. lecture on fuzzy logic by Dr. Enrique Ruspini of SRI International

Chapter Report #2: Computer Society (CS) Chapter (John Swan, Chair; Eric Louie, Vice Chair/Webmaster; Dick Ahrons, Advisory Committee Member; Mineo Yamakawa, NFIC volunteer)

- John reviewed the current chapter officers and volunteers
- Financials provided: \$35,639 in the bank
- Active chapter members: 1,655; email list subscribers: 2,642
- Various online avenues are used to promote the chapter and events, incl. LinkedIn, Facebook and Twitter
- Meetings have been held since February, and at the 105-seat Microsoft Research facility since March
- The chapter is looking at other venues that could handle 200 people, including Oracle, Cisco, Google, Microsoft and the CHM
- Goals as set forth in December 2009 that were met or exceeded:
 - At least 9 monthly technical meetings each year

- Goal exceeded: at least 14 will be held this year, including 4 joint events
- Regular attendees of 100-200
 - Goal met
- Hold New Frontiers in Computing (NFIC) event
 - Goal met: NFIC event held in August
- Attempt to cover hardware, software and applications in the talks and programs held each year(since the CS coverage is so broad)
 - Goal met, in part by co-sponsoring events with other chapters



John noted that total attendance at CS chapter events so far this year is 1,384.

Pictured at left is John Swan (left) as he received a Certificate of Appreciation from Allen Earman on behalf of the SCV Section which read "For Outstanding Contribution in Reviving the local chapter of the Computer Society." In recognition of his efforts, John got a standing ovation from all in attendance.

Chapter Report #3: Information Theory Society (ITS) Chapter (Art Astrin, Chair)

Art was not in attendance.

Chapter Report #4: SFBA Nanotechnology Council (NANO) (Jack Berg, Chair)

- Jack reviewed the Nano executive committee, which has 14 members
- Financials provided: \$14,625 in the bank (about the same as last year)
- Per IEEE policy, there are no chapter members since it's a council
 - Listserver subscriber count has grown from 0 in 2004 to 925 currently
- Jack reviewed this year's council activities
 - Monthly mid-day seminars and events, which attract about 75 attendees
 - 600+ total attendees so far in 2010
 - Full-day symposium in May, half-day symposium in November
 - Various promotion partners and corporate sponsors

UCSC Student Branch Report (Diego Aulet-Leon, Chair; Jeffrey Bertalotto, UHL Liaison)

- Diego reviewed the current Student Branch officers
- Financials provided: \$2,500 in the bank
- The chapter has about 47 members
- Diego described some of the activities of the student branch, including:
 - Undergraduate Hardware Lab (UHL)
 - Career Fair
 - Tutoring in hardware and software



- Competitions
- Recent elections of new officers
- Creation of IEEE/banana slug t-shirts

EMC Request for Conference Support (Robert Pham, Treasurer)

- Robert reviewed the current chapter officers
 - Robert reviewed the fact that last year the section loaned EMC funds to cover the expense of hosting a mini-symposium, and that all the borrowed money was paid back
 - 31 members and 35 non-members attended last year
 - Robert said that EMC was again asking for a loan to allow them to stage another mini-symposium
 - Sept. 23-24 at the Doubletree in San Jose
 - Todd Hubing and Tom Jerse will speak
- Ed Aoki made a MOTION to approve an advance of \$8,000 to the EMC chapter to support a September two-day mini-symposium, with repayment in full of any profits to the Section if the net profit is at least \$1,000, and no repayment if the net profit is less than \$1,000. This motion was SECONDED by Min Hua. The motion PASSED unanimously. (Note: a similar loan with similar conditions was approved in 2009, and the Section received \$8,680 back from the chapter.)

Sections Congress 2011 (Tom Coughlin, Sections Congress 2011 Chair; Roger Hoyt, Local Organizing Committee)

- Tom provided an update on SC 2011, to be held 19-22 August 2011
- Track chairs have been finalized
- The Computer History Museum event has been approved
 - A committee to organize chapter participation for this Sunday night event has been formed
- A committee to help with local fundraising has been formed, but we need more local companies as sponsors
 - Volunteers are needed for this
- Roger Hoyt said that Ken Doniger is organizing the student chapters
 - Volunteers are needed for this
 - Ram Sivaraman needs a co-chair for this

GOLD (Stephen McInerney, Treasurer/Secretary)

- Stephen said a Chair is still needed, ideally someone under 35

Expanding Your Horizons at UCSC (Nancy Cox-Konopelski, UC Santa Cruz)

- Nancy explained that this is a national program for high school girls to help expand their skills in science and math
 - It is based at Mills College
 - An all-day conference with various workshops will be held on Sat, Oct. 9, at UCSC
 - Nancy showed a video from last May's event
 - The application is online at <http://eyh.ucsc.edu>
 - Girls pay \$20, but many are offered partial scholarships (up to 50%)
- Tom Coughlin made a MOTION for a \$1000 contribution to EYH, which was SECONDED by Kim Parnell. The motion PASSED with one abstention.



Section Financial Audit and Section Rebate (Allen Earman)

- Allen gave a brief update saying that the audit was proceeding
- Info on the Section Rebate had just arrived today; this will be handled to allow rebates to the section's chapters

SFBAC Report (Allen Earman)

- There were 75 attendees at picnic
- This was a disappointing turnout, but can be at least partly attributed to the distance to the San Ramon location

Region 6 Operating Committee (OpCom) Meeting (Allen Earman)

- Jeffrey Pawlan made a MOTION that funds be approved to pay for Allen to fly to Salt Lake City for this Sept. 24-25 meeting, which was SECONDED by Tom Coughlin. The motion PASSED unanimously.

Section Elections (Allen Earman)

- Volunteers are needed for the Teller Committee to run the election
 - Lee Colby and Ed Aoki volunteered
 - Ram was added to the committee by Allen
- It will be run by using vTools
- Nominations open tonight
 - Need to solicit nominations amongst the membership
 - Must be member in good standing
 - Members can nominate themselves
- We want to close the nominations by the October 6 meeting, and have the elections completed by the November 3 meeting

SCV on LinkedIn (Allen Earman)

- The LinkedIn group was originally set up by Jonathan David, and it will be revived after a lengthy period of inactivity

Treasurer's Report (Allen Earman, in Mohamed Sayed's absence)

- Current Month Financials were reported as follows:

Current Month: August 2010			
	Actual	Budget	Variance
Beginning CBRS Balance	161,552.73		
Interest	72.75	109.58	(36.83)
Deposits (8/13/10)	55,345.35		
Expenditures			
Ending CBRS Balance	214,970.83		
Net Change	53,418.10		



- 2010 SCV Investments Update
 - Beginning Balance (12/31/09): \$50,000
 - Ending Balance (7/31/10): \$50,414.13
 - Unrealized Gain (7/31/10): \$85.49

Vice Chair Report (Kim Parnell)

- Kim noted that he had emailed the Consultants' Network (CNSV) membership about the upcoming IEEE Presidential election
 - This email included feedback he had received from the two candidates when he had asked each of them about their positions regarding the possibility of improving the options for access to the IEEE Xplore database, including individual options for higher-volume downloads at lower cost to support both technology development and consulting-type activities.
 - This email also noted the typically low percentage of IEEE membership who actually vote, and the fact that local members could have a big impact on the election's result by being aware of the candidates' positions and actually voting.
- Kim indicated that he planned to ask Allen to send a similar message to the ExCom and/or the entire SCV Section to encourage them to participate and vote in the election. There was also discussion of the use of Polls to solicit member feedback. Kim and Stephen McInerney will take this action item on membership polls and Kim will report on this activity at the October ExCom Meeting.

Secretary's Report (Brian Berg)

- Brian said that the ExCom10 listserver now had about 230 subscribers, and that he was handling the new officers of the Student Branches

PACE Chair's Report (Tokunbo Ogunfunmi)

- Tokunbo was not in attendance.

Ad Hoc Bylaws Revision Committee (Jack Berg, Ed Aoki)

- Jack and Ed said that they will submit their proposed changes sometime before the end of the month
- The changes will include more discipline in the budgeting area

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

- Dick said that he needs a volunteer to assist IEEE/CHM relationship
- IEEE Sponsorship of "What's Next Theater" in CHM's new exhibit is getting complicated.
 - Dick is trying to recruit IEEE BOD members to make it an agenda item for their next BOD meeting
- The July 13 and 15 Affiliated Historian Program events at the CHM were very successful
- The CHM's special membership pricing for IEEE members (2 years for the price of one) needs more promotional effort
- The SPICE Milestone event is on target for Feb 2011 in conjunction with ISSCC in San Francisco, including a \$10,000 sponsorship
- A special new CHM exhibit preview for IEEE members only is planned for December



K-12 (Lee Colby)

- The first Lego League for elementary and middle school students needs volunteers
- His bank balance is \$1772

Nominations and Awards (Jeffrey Pawlan)

- The Region 6 Award Winners were announced, but these unfortunately did not included any entries from our section
 - Outstanding Engineer Award (Southern Area): Dr. Charles Seabury (Thousand Oaks)
 - Outstanding Leadership and Professional Service Award (Southern Area): Geoffrey Lenart (Ventura)
 - Outstanding Section Award (SW-Area): Phoenix Section
 - Outstanding Corporate Service to Engineering Community Award (NW-Area): Design Alaska
 - Outstanding Student Branch Award (NE-Area): Utah State University Student Branch
- Jeffrey said that he recently nominated Paul Wesling for MGA Outstanding Leadership
 - Mahbub Khan and Ram Sivaraman have sent their endorsements of this nomination to the MGA Awards Committee
- Jeffrey made a MOTION that Jim Williams be given a Section Award for Outstanding Contributions in the field of Analog Circuit Design. Jeffrey offered to table this motion until Jim becomes an IEEE member.

Senior Member Advancement (Jack Berg)

- The next event will be on Sept. 27

Membership (Slava Mach)

- Slava noted that IEEE membership was up about 1.3% this year
 - The Region 6 Communications Society grew 4.7%
 - Power Electronics is growing as well

Webmaster (Min Hua)

- Min said he continues to update chapter websites, including those of CAS, EMC and PHO
- The EMC website was demo'ed with online registration for their mini-symposium

- **Next Meeting: 6 October 2010, Cogswell College Board Room**

Chapter Reports for 6 October 2010

1. Photonics Society	PS	Yes
2. Power Electronics Society	PELS	Yes
3. Joint Power Engineering & Industry Applications Society	PES/IAS	Yes
4. Product Safety Engineering Society	PSES	Yes

The meeting was adjourned at 8:55pm.

Respectfully submitted by SCV Secretary Brian Berg

No.	First	Last	Chapter/Office	Senior	Fellow	Email
1	Alan	Weissberger	ComSoc	x		aweissberger[at]sbcglobal[dot]net
2	Allen	Earman	SCV Chair, CPMT	x		aearman[at]ieee[dot]org
3	Bernard	Widrow	CIS			widrow[at]stanford[dot]edu
4	Brian	Berg	SCV Secretary, CNSV	x		brianberg[at]gmail[dot]com
5	Clay	Maynard	VTS			clay[at]maynard[dot]com
6	Dick	Ahrons	Engineering Milestones, CHM	x		ahrons[at]alum[dot]mit[dot]edu
7	Diego	Aulet-Leon	UC Santa Cruz			dauletle[at]soe[dot]ucsc[dot]edu
8	Ed	Aoki	CPMT	x		e[dot]aoki[at]ieee[dot]org
9	Edward	Katz	RAS, CIS	x		e[dot]p[dot]katz[at]ieee[dot]org
10	Eric	Louie	Computer			louie[dot]eric[at]gmail[dot]com
11	Frank	Nothafft	Stanford University			fnothafft[at]stanford[dot]edu
12	Jack	Berg	Senior Member Adv., Nano	x		johneberg[at]gmail[dot]com
13	Jeffrey	Bertalotto	UC Santa Cruz			jbertalo[at]ucsc[dot]edu
14	Jeffrey	Pawlan	Nom.+Awards, MTT, UFFC	x		jpawlan[at]pawlan[dot]com
15	John	Monson	SJSU: FormulaHybrid Team			john[dot]m[dot]monson[at]gmail[dot]com
16	John	Swan	Computer	x		JohnSwan[at]ieee[dot]org
17	Kim	Parnell	SCV Vice Chair, CNSV	x		kim[dot]parnell[at]stanfordalumni[dot]org
18	Lee	Colby	K-12	x		lee[dot]colby[at]ieee[dot]org
19	Matthew	Senesky	PEL			senesky[at]gmail[dot]com
20	Michael	Bella	SJSU-FormulaHybrid			michael[dot]j[dot]bella[at]gmail[dot]com
21	Michael	Hu	SJSU			michaelhu13[at]gmail[dot]com
22	Min	Hua	SCV Webmaster, PHO			minhua[at]ieee[dot]org
23	Mineo	Yamakawa	Computer			mineo[dot]yamakawa[at]ieee[dot]org
24	Nancy	Cox-Konopelski	UCSC-Expanding Your Horizons program			nancyck[at]ucsc[dot]edu
25	Pratheepa Santh	ranayagam	SJSU			ptheepa1[at]gmail[dot]com
26	Richard	Stallkamp	TMC			rstallkamp[at]yahoo[dot]com
27	Robert	Pham	EMC			phamrobert[at]yahoo[dot]com
28	Roger	Hoyt	SC-2011 Local Chair		x	r[dot]hoyt[at]ieee[dot]org
29	Roxsana	Hadjizadeh	WiE, Junior Past Chair	x		roxsana[at]ieee[dot]org
30	Slava	Mach	Membership	x		s[dot]mach[at]ieee[dot]org
31	Stephen	McInerney	GOLD			spmcinerney[at]hotmail[dot]com
32	Tom	Coughlin	SC-2011 Chair	x		tom[at]tomcoughlin[dot]com
33	Weikai	Sun	CAS			swka[at]hotmail[dot]com