



**SCV ExCom Meeting Minutes – April 7, 2010**

*Cogswell College, Sunnyvale, CA*

Attendance Count: 32 (*see Attendee Roster at end of these minutes*)

**ExCom Officer Attendance**

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

Allen Earman called the meeting to order at 6:02pm.

**March Meeting Minutes (Allen Earman)**

Allen asked if there were any objections to acceptance of the minutes from the 3 March 2010 meeting as circulated on the listserver, and whose Rev. 2 had been posted on the SCV website prior to this meeting. Hearing no objections, the minutes were accepted.

**April Meeting Agenda (Allen Earman)**

Allen asked if there were any changes to the agenda that had been circulated prior to the meeting. Hearing no changes, the agenda was accepted as submitted.

**Chapter Report #1: Education Society (David Craven, Vice Chair)**

- David reviewed the current chapter officers
- Financials provided: \$1361.69 in the bank
- Total membership: 41

**Chapter Report #2: Electromagnetic Compatibility Society (EMC) (Caroline Chan, Chair; Ken Renda, Vice Chair)**

- Caroline reviewed the current chapter officers
- Financials provided: \$20,881 in the bank
- Active members: 180; 4 current sponsors
- 9 meetings were held last year
- The chapter will ask for a \$5000 bridge loan in May or June to cover up-front costs of a symposium to be held later in the year
  - Total cost of last year's symposium was about \$24K

**Chapter Report #3: Electron Devices Society (ED) (Prasad Chaparala, Chair)**

- Prasad reviewed the current chapter officers
- 8 evening seminars last year
- Financials provided: \$22,665 + reimbursement from major sponsor Applied Materials
  - Applied Materials covered costs of 3D Interconnect full-day symposium held on Jan. 29
    - 210 in attendance
    - free registration, and free lunch/reception
- Total membership: about 900



**Chapter Report #4: UC Santa Cruz Student Branch (Tom Ituarte, Chair; Brandon Kinman, Vice Chair; Diego Aulet-Leon, Treasurer; Alex Rovnyansky, Webmaster)**

- Tom reviewed the current student branch officers
  - Financials provided: \$2,633 in the bank
  - 30 active chapter members; 65 total student members
    - 50-60% are computer engineers, 30% are EE (lots of RF interest; RF and Power transmission classes are very popular)
  - Engineering Week Activities:
    - Project Euler Programming Competition
    - Soldering Competition
      - Prizes: Arduino Duemillanove microcontroller board & Starter Kit
  - Lots of tutorials are planned
    - Cadsoft, PCB fab, Solidworks, Matlab, Mathematica, soldering
  - Dunk tank fundraiser
  - In the past, IEEE has funded t-shirts and an undergrad hardware lab.
  - The Student Branch made a request for \$2100 to fund t-shirts, continued support of the Undergrad Hardware Lab, a new printer and printer supplies, and E-week events.
- Roxsana Hadjizadeh made a MOTION that we fund the UCSC Student Branch with \$1800, which was SECONDED by Mohamed Sayed. The motion passed unanimously.

**Chapter Report #5: Graduates of the Last Decade (GOLD) (Boris de Souza, Chair)**

- Boris reviewed the officers who were just elected
- Financials provided: \$588.11 in the bank
- A Volunteer Information Meeting was held at Qualcomm on March 31; there were 57 attendees who heard these presentations:
  - Ram Sivaraman (Leverage Volunteering for your Engineering Career: Join IEEE)
  - Lee Colby (K-12 outreach activities)
  - Lynn Guest (SVEC Discover-E Program)
  - Jahvita Rastafari (BUILD)
  - Jonathan David (BotBall, FirstRobotics, FirstLegoLeague)
  - Jessica Graham (Citizen Schools)
  - Charlie Neuhauser (Science Fairs - Synopsys & Intel)
- RAFT event is scheduled for the end of April
- GOLD/CS Coding Competition may happen (needs a champion)
- T-shirts are planned
- GOLD is considered a good path to joining IEEE

**Chair Report (Allen Earman)**

- PELS Chapter Update – Matthew Senesky
  - Co-sponsors for upcoming talks are of interest to PELS
  - May speaker: Senior Editor at *IEEE Spectrum*: technical journalism speaker
  - Venrock Ventures speaker: the VC Landscape
- SFBAC Rep report – Allen Earman
  - The Region 6 Treasurer requested that SFBAC provide a copy of its sections' check registers in support of an audit; since all 3 sections voted to allow this, a copy of our L-50 was supplied
  - Last year, SFBAC had \$68,000 in total revenue and \$66,000 in expenses



- Tomorrow's free *Star Trek* event at The Tech is "sold out"
- A summer picnic will likely take place at Little Hills Park in San Ramon
- There will be a rebate to the section from the council of possibly \$2-3K this year (which is about half of what it was last year)
- Recent major council expenses include the Jan. training event and Paul Wesling's salary
- International Science Fair – David Craven and Allen Earman
  - May 11-12; let David Craven know if you want to be a judge
  - this is a big event to be held at the SJ Convention Center
- Region 6 Central Area Meeting (April 24 at Stanford) – Roger Hoyt
  - Micromouse competition: 11 applications received already!
  - \$2500 is being requested for the Univ. of Hawaii Student Branch attendees
    - \$1000 to be requested from Region 6, \$1500 from SCV
    - Roger made a MOTION that SCV allocate \$1500 to help allow the Univ. of Hawaii Student Branch members to attend the Region 6 Central Area Meeting, which was SECONDED by David Craven. The motion passed unanimously.
- SCV Chapter Health Scorecard 2010 – Allen Earman
  - Allen detailed how he assembled this scorecard based on info gathered from websites and other related sources (**see copy following**)
  - He noted that chapters garnering lower scores in our section would score much higher in other sections around the world
- CNSV: Consulting Practices Program (CPP) Update – Jeff Safire
  - CPP is a joint activity of the Section and CNSV
  - In March 2009, SCV Section provided a \$14,000 grant to CPP, which was spent as follows:
    - \$3,886 was spent on one-time expenses (computers and AV equipment)
    - \$6,614 was spent on the seminars (that's \$735 per seminar)
    - \$3,500 remains unspent
  - A CPP Steering Committee was formed, consisting of SCV Section representatives and CNSV representatives
    - Four Steering Committee meetings have been held over the past year
  - CPP has held 9 seminars/webinars over the past year
    - More than 1700 hours of training have been provided to a total of 563 attendees
    - Attendees have ranked the seminars highly:
      - 89% responded with a 4 or 5 out of 5 when asked to rank their instructor
      - 80% responded with a 4 or 5 out of 5 when asked if the course attended was useful to their consulting business
      - 84% responded with a 4 or 5 out of 5 when asked if they would recommend the seminar they attended to others
    - 57% of those trained were IEEE members but not CNSV members
    - 8% of CPP attendees were unemployed
    - 9% of CPP attendees were employed, but were considering consulting
    - 7 IEEE members (but not CNSV members) have attended at least 3 seminars; 1 has paid to attend 5 seminars



- After income and seminar expenses, each attendee was subsidized with \$11.75 (not including webinar investments)
- The CPP plans for 2010 were presented, and a lively discussion followed
- Jeff promised a follow-up presentation to answer some outstanding questions
- SCV Section Bylaws Revision – Allen Earman
  - Allen explained that an *ad hoc* committee is needed to revise the Bylaws
  - There was immediate response from Jack Berg, Mohamed Sayed, Ed Aoki, Kris Verma and David Craven – they will form the *ad hoc* committee
- 2011 Sections Congress in San Francisco – Roger Hoyt
  - Monthly teleconferences are held to discuss progress
  - Friday night will include a Maker Faire event; Marvell has committed \$50K
  - Sat. night will include an IEEE awards ceremony
  - \$783,000 MGA budget
  - Loretta Arellano will be the Program Chair

**Vice Chair Report (Kim Parnell)**

- Kim asked for input on the food that he brought
- It received a great response; Middle Eastern food was suggested for the next meeting

**Secretary Report (Brian Berg)**

- The only section chapter not yet reporting officers is Women in Engineering
- The listserver currently has about 210 subscribers

**Treasurer’s Report (Mohamed Sayed)**

- Current Month Financials were reported as follows:

<b>Current Month: March 2010</b>			
	<b>Actual</b>	<b>Budget</b>	<b>Variance</b>
<b>Beginning CBRS Balance</b>	179,131.49		
<b>Interest</b>	42.35	109.58	(67.23)
<b>Deposits</b>			
<b>Expenditures</b>	3,444.04	2,470.00	974.04
<b>Ending CBRS Balance</b>	175,729.80		
<b>Net Change</b>	3,401.49		

- 2010 SCV Investments Update
  - Current CD Rates range from 0.3-1.3 %, depending on term
  - A diversification strategy is needed to maximize interest and minimize risk
- Our current budget has a deficit of \$11K

**PACE Report (Tokunbo Ogunfunmi)**

- Tokunbo had to leave before this came up on the agenda



### Committee Reports

- IEEE Engineering Milestone Coordinator / IEEE/Computer History Museum (CHM) Relationship – Dick Ahrons
    - On March 16, Computer Society Executive Director Angela Burgess met with CHM CEO John Hollar, Dick Ahrons and others; discussion included:
      - IEEE Day during the launch of the new CHM exhibit
      - The CHM could potentially be used as a location for IEEE public visibility
      - The What's Next? Section at the end of the new exhibit area may receive IEEE sponsorship
        - the CHM is asking IEEE for \$1.5-2M towards this
      - the CHM will be re-engaged to see if a stronger relationship can be forged with the *IEEE Annals of the History of Computing* journal
    - the CHM is enthusiastic about the Sections Congress visit on Sun, Aug. 21, which involves bussing attendees from San Francisco to Mountain View and back
    - Week of July 12, 2010: MOS historian Ross Bassett will visit the CHM
    - The wording of the 5 IEEE Milestones on bricks for the new CHM exhibit was discussed; these will be finalized by April 15
  - Membership – Slava Mach
    - Slava briefly discussed getting the membership packets sent out
  - Nominations and Awards – Jeffrey Pawlan
    - Has identified potential award recipients
  - Senior Member Advancement Chair – Jack Berg
    - There were six new Senior members in February
    - 14+1 are teed up to become Senior members in April
    - The next event will be held in July
  - Webmaster – Min Hua
    - Min has updated a few of the chapter sites
- 
- **Next Meeting: 5 May 2010, Cogswell College Board Room**

### **Chapter Reports for 5 May 2010**

1. Consultants' Network Affinity Group	CNSV
2. Engineering in Medicine & Biology Society	EMBS
3. Graduates of the Last Decade (GOLD) Affinity Group	GOLD
4. Santa Clara University Student Branch	SCU

The meeting adjourned at 8:57pm.

***Respectfully submitted by SCV Secretary Brian Berg.***

First	Last	Chapter/Office	Senior	Fellow	Email
Alex	Rovnyansky	UC Santa Cruz			arovnyan[at]ucsc[dot]edu
Allen	Earman	SCV Chair	X		aearman[at]ieee[dot]org
Andrew	Martino	UC Santa Cruz			amartino[at]ucsc[dot]edu
Boris	de Souza	GOLD			borisdesouza[at]ieee[dot]org
Brandon	Kinman	UC Santa Cruz			bkinman[at]ucsc[dot]edu
Brian	Berg	SCV Secretary, CNSV	X		brianberg[at]gmail[dot]com
Caroline	Chan	EMC			caroline[dot]chan[at]lmco[dot]com
Clay	Maynard	VTS			clay[at]maynard[dot]com
David	Craven	Education, K-12, VTS			david[dot]craven[at]lamrc[dot]com
Dick	Ahrons	Engr Milestones	X		ahrons[at]alum[dot]mit[dot]edu
Diego	Aulet-Leon	UC Santa Cruz			daulet[at]ucsc[dot]edu
Ed	Aoki	CPMT	X		e[dot]aoki[at]ieee[dot]org
Jack	Berg	Senior Member Adv., Nano	X		johneberg[at]gmail[dot]com
Jeff	Safire	CNSV			jsafire[at]microdisk[dot]com
Jeffrey	Pawlan	Nom.+Awards, MTT, UFFC	X		jpawlan[at]pawlan[dot]com
Joel	Williams	CNSV	X		joel[at]emlinux[dot]com
Ken	Renda	EMC	X		ken[dot]w[dot]renda[at]lmco[dot]com
Kim	Parnell	SCV Vice Chair, CNSV	X		kim[dot]parnell[at]stanfordalumni[dot]org
Kris	Verma	Nano	X		kris[at]svtii[dot]com
Larry	Nagel	CNSV		X	lwn[at]omega-enterprises[dot]net
Matthew	Senesky	PEL			senesky[at]gmail[dot]com
Min	Hua	SCV Webmaster, PHO			minhua[at]ieee[dot]org
Mohamed	Sayed	SCV Treasurer	X		mmsayed[at]sbcglobal[dot]net
Muyiwa	Ogunfunmi	EMC			muyiwa_ogunfunmi[at]alliedtelesyn[dot]com
Prasad	Chaparala	EDS			Prasad[dot]Chaparala[at]nsc[dot]com
Roger	Hoyt	SC-2011		X	r[dot]hoyt[at]ieee[dot]org
Roxsana	Hadjizadeh	WiE, Junior Past Chair	X		roxsana[at]ieee[dot]org
Russell	Petersen	UC Santa Cruz			repeters[at]ucsc[dot]edu
Slava	Mach	Membership	X		s[dot]mach[at]ieee[dot]org
Tokunbo	Ogunfunmi	PACE	X		tokunbo[at]ieee[dot]org
Tom	Gardner	MAG			t[dot]gardner[at]computer[dot]org
Tom	Ituarte	UC Santa Cruz			tomituarte[at]gmail[dot]com

### IEEE SCV Chapter Health Scorecard

Chapter	Held	Reported New	Full Slate		No. of Officer	Total No. in	No. of	2008 Closing	2009 Closing	Change in	Chapter	Webmaster?	SCORE	Change	Rank	Change	GRADE
	Elections in 2009	Officer Roster to Section	of Officers	Vacancies?	Positions Unchanged	ExCom/AdCom	meetings held in 2007	Bank Balance	Bank Balance	Bank Balance	Web-Page		from 2008	from 2007			
Antennas and Propagation	Yes	Yes	Yes	None	0	4	0	\$3,650.06	\$3,684.68	1%	Current	No	29	4	21	1	C
Circuits and Systems	Yes	Yes	Yes	None	0	6	17	\$5,520.86	\$8,897.44	61%	Current	No	41	8	6	7	B
Communications	Yes	Yes	Yes	None	0	5	10	\$6,712.85	\$8,540.76	27%	Current	No	35	0	14	-4	B
Components Packaging & Manufacturing Technology	Yes	Yes	Yes	None	1	15	31	\$82,905.03	\$92,941.40	12%	Current	Yes	47	2	1	2	A
Computational Intelligence	Yes	Yes	Yes	None	1	4	5	\$598.54	-\$739.59	-224%	Dec-09	No	16	-8	28	-5	D
Computer	Yes	Yes	Yes	None	2	8	12	\$38,659.40	\$37,726.15	-2%	Current	No	41	-2	5	0	B
Consultants Network	Yes	Yes	Yes	None	1	10	55	\$19,338.57	\$34,570.97	79%	Current	No	47	10	2	7	A
Consumer Electronics	Yes	Yes	Yes	None	0	6	12	\$5,974.63	\$7,195.72	20%	Current	No	37	2	13	-2	B
Control Systems	Yes	Yes	Yes	None	0	4	0	\$8,134.60	\$8,211.50	1%	Feb-10	No	33	26	15	12	B
Education Society	Yes	Yes	Yes	None	1	5	7	\$985.90	\$1,424.70	45%	Jan-10	No	30	-3	20	-6	C
Electromagnetic Compatibility	Yes	Yes	Yes	None	1	4	9	\$9,202.11	\$20,880.59	127%	Current	No	39	-2	10	-4	B
Electron Devices	Yes	Yes	Yes	None	0	4	18	\$19,145.38	\$24,580.88	28%	Current	No	43	-5	3	-1	A
Engineering in Medicine and Biology	Yes	Yes	No	1	3	3	9	\$12,433.02	\$11,130.35	-10%	Apr-06	No	18	-15	26	-11	D
GOLD	Yes	Yes	No	None	0	4	2	N/A	N/A	N/A	Current	No	24	5	25	1	C
Information Theory	No	No	No	2	2	2	0	\$3,568.48	\$3,568.48	0%	No	No	-1	-6	30	-2	F
Instrumentation & Measurement	Yes	Yes	No	1	2	3	2	\$1,664.39	\$1,807.65	9%	Dec-09	No	18	-2	27	-2	D
Magnetics	Yes	Yes	Yes	None	1	4	9	\$9,681.09	\$13,890.85	43%	Current	No	37	7	12	7	B
Microwave Theory & Techniques	Yes	Yes	Yes	None	0	5	10	\$11,637.54	\$11,292.36	-3%	Current	Yes	39	-5	11	-7	B
Nanotechnology	Yes	Yes	Yes	None	0	6	36	\$13,643.88	\$14,572.13	7%	Current	No	40	-1	9	-2	B
Photonics	Yes	Yes	Yes	None	0	6	17	\$8,314.32	\$7,290.87	-12%	Current	Yes	41	1	7	1	B
Power Electronics	Yes	Yes	No	1	0	4	1	\$3,700.65	\$4,160.12	12%	Current	No	25	22	24	5	C
Power Engineering & Industrial Applications	Yes	Yes	No	None	2	7	14	\$6,181.74	\$4,860.10	-21%	Current	Yes	32	-1	16	0	B
Product Safety Engineering	Yes	Yes	Yes	None	0	5	6	\$1,199.76	\$1,265.78	6%	Feb-10	No	32	0	18	0	B
Reliability	Yes	Yes	Yes	None	4	5	4	\$5,246.93	\$4,098.24	-22%	Current	Yes	26	-4	23	-3	C
Robotics & Automation	Yes	Yes	Yes	None	2	6	17	\$24.00	\$451.61	1782%	Current	No	28	6	22	N/A	C
Signal Processing	Yes	Yes	Yes	None	0	5	13	\$2,905.21	\$3,031.75	4%	Dec-09	No	32	3	17	4	B
Solid State Circuits	Yes	Yes	Yes	None	0	4	11	\$28,887.69	\$30,538.90	6%	Current	No	42	-8	4	-3	A
Technology Management	Yes	Yes	Yes	None	0	4	14	\$15,735.08	\$14,824.16	-6%	Current	No	40	6	8	4	B
Vehicular Technology	Yes	Yes	No	None	3	5	6	\$19,104.91	\$18,944.67	-1%	Dec-09	No	31	-2	19	-2	C
Women in Engineering	Yes	Yes	No	1	1	3	1	\$3,028.08	\$3,228.92	7%	No	No	12	-9	29	-5	D

**31.8 0.9667**

**Average Score:**

SCORING (pts)	Yes(5)	Yes(3)	Yes(5)	None(3)	Zero(3)	Four(1)	N/A(0)	>\$15,000(5)	>\$15,000(5)	<+/-15%(2)	Current(5)	Yes(3)
	No(0)	No(0)	No(3)	One(1)	One(1)	>Five(3)	Two(1)	>\$8,000(3)	>\$8,000(3)	>+15%(3)	2H2009(3)	No(0)
	Unknown(0)		Unknown(0)	>One(-1)	>One(-2)	>Six(5)	>Five(3)	>\$1,000(1)	>\$1,000(1)	>+30%(5)	1H2009(1)	
				Unknown(0)	Unknown(0)	Unknown(0)	>Ten(5)	<1,000(-2)	<1,000(-2)	>-15%(0)	2008(-1)	
							<Two(-2)	Not Reported(-5)		>-30%(-2)	<2008(-3)	
										Unknown(-5)	None (-5)	

Updated Chapter Information

Number of Endangered Chapters Scoring 'F' **1**  
 Number of Borderline Chapters Scoring 'D' **4**

