SCV ExCom Meeting Minutes – 3 October 2012
Cogswell College, Sunnyvale, CA

Attendance Count: 27 (***see Attendee Roster at end of these minutes***)

The chair, Brian Berg, called the meeting to order at 6:05 PM

1. Acceptance of 5 September Meeting Minutes (Brian Berg)
Hearing no objections, the Minutes were accepted as distributed

2. Acceptance of Meeting Agenda (Brian Berg)
Hearing no objections, the Agenda was accepted as distributed

3. Student Branch and Chapter Updates
SJSU Student Branch (SJSU STB, Ramanen Thayabaran) - update
- With Waymond Chen and Anaam Ansari present.
- SJSU-STB is planning several projects:
  - Tone Generator with cost breakdown
  - IR Decoder
  - DTMF Decoder
  - DIY Motor Controller
- Future events include a TechTalk by Brocade, October 4, 2012
- TechTalks are expected every several weeks
- Slide with Ping Hsu (Advisor) and Ramanen Thayabaran as contacts
- No funds were requested at this time
- Advised to use e-grid.net/gcalendar to identify possible speakers and topics.

SJSU CPMT Student Branch Chapter (SJSU CPMT SBC, Lynn Omictin) - Update
- Introduced elected officers for 2012-2013, Faculty Advisor (Ping Hsu), Advisor/Liason (Frank Tang)
- Quick overview of Events held or to be held 2012-2013
- Ice Cream Social with 62 engineering students signed up
- Professional mixer (SJSU students and IEEE professionals invited)
- Projects include:
  - LED Blinker (~ $200) and Audio Amplifier (~ $ 15 per participant)
- No funds were requested at this time

Formula Electric at SJSU (Raakesh Bhat, Powertrain Intern) - Update
- With Matt Mohr and Stephen Davis
- Changing direction from 2011:
  - Fully electric design of drop-in/turn-key electric drivetrain
  - Coordinated with SJSU SAE, with new designs for Electronic Differential and Active Balancing BMS
  - Single motor is running on test bench
  - Going to Li-ion batteries in a HV system
- Need financial help in transporting vehicle to the competition in Michigan and acquiring additional items for future work:

- o Data Acquisition System
- o Wiring Harness
- o Battery Management System (BMS)
- o HV Contactors for safety
- o Batteries ($2800)
- o Transportation ($2000)
- Did not quantify any financial requests at this time

4. Chapter Annual Reports:
Robotics and Automation Society Chapter Report #1 (RAS, Dave Wyland)
Dave
* presented the SCV-RAS mission statement.
* showed a slide with his elected officers, Program Chair, Webmaster and Program Chair.
* showed the SCV-RAS webpage URL
* presented financials: $3000
* analyzed chapter membership (277); demographics increased by 60% since this time last year.
* covered the general strategy and results of Technical Meetings in the past 12 months with 30 to 50 attendees, of whom ~ 50% are IEEE members.
Since the last annual RAS Chapter Report, held 4 Technical Meetings.

Signal Processing Society Chapter Report #2 (SPS, Bhaskar Saha => Joydeep Acharya, Secretary)
Joydeep, (substituting for Bhaskar)
* showed a slide with the SPS elected officers and Webmaster
* showed the SCV-SPS webpage URL
* presented financials: $4000
* analyzed chapter membership (1972)
* covered the general strategy and results of Technical Meetings in 2012

5. Chapter and External Organization Meeting/Event Announcements:

Nanotechnology Council (Anshul Vyas of Santa Clara University/2BitElectronics)
- Nanovation: From Science to Startups (8th Annual Half-Day Symposium)
  sponsored with **E3S, NSF, and BNC**
  - o Saturday, 27 October: 9 am-5 pm, UC Berkeley, Stanley Hall
  - o 9 speakers confirmed
  - o Registration fees for IEEE members and Non-IEEE are $50 and $75
  - o Offering a discounted rate for 50 to 75 students; each student registrant costs $30; NanoTechnology is requesting a subsidy from SCV Section of $1000 to support up to 50 students
  - o Ed and Brian stipulated that students must both register/pay by EventBrite and attend in order to receive the discount on-site in cash or by check

> Moved by Kris Verma and Seconded by Sachin Desai that each attending student be subsidized $20 to a maximum grant of $1000; NTC must assure that students must both register/pay by EventBrite and attend in order to receive the discount on-site in cash or by check . Approved unanimously.

Tech Academy of San Jose (John Crump, Director)
- John reviewed the legacy of Jay Pinson, the founder
- The emphasis has changed in the last 5 years with the economy driven by innovation where the US is losing ground
- Since 2006, the target has been middle school students with emphasis on:
  - understanding the skills necessary for college work in engineering and technology
  - understanding the engineering profession and exploring technology
  - excelling in math and science and the need for academic achievement
- Currently, the curriculum includes
  - High Technology/Communications
  - Water Engineering
  - Energy Engineering
  - visits to local high tech firms
- To be added in 2013 are:
  - Biomedical Engineering
  - Digital Electronics
  - Green/Sustainable Energy
- Scholarships are available based on economic hardship

Technology Management Council Chapter Report #3 (TMC, Atif Shaikh, Chair)
Atif
- showed a slide with his elected officers and Webmaster (Ilya Ivanchenko)
- showed the SCV-TMC webpage URL
- presented financials: $15,000 with a large infusion from the ITMConference and an extraordinary expense related to the TMC-supported book
- did not analyze chapter membership other than to note that the TMC membership is composed of the members of the comprising IEEE Societies and that TMC is (like the NTC) a group of 14 IEEE Societies
- covered the general strategy and results of 10 Technical Meetings in 2012
- provided titles and presenters of 6 TM's presented in 2012
- described current strategies and goals
- in October: "Life Cycles for Portfolio and Program Management" by John Patton, PMP, President, CEO, Cadence Management Corporation
- Regular meeting place is the Ramada Inn, Sunnyvale.

Forum on Motivating Our Students: How to Make It Happen (LMAG, Les Besser)
- Quick solicitation for officers to attend this event which is co-sponsored by OEB-LMAG.
- Sat., Oct. 13, 2012, 8:00am-1:15pm with optional sessions to 3:00 pm.
  - Santa Clara County Off. of Education, San Jose Rm. (Ground Floor, North Bldg.)
  - 1290 Ridder Park Drive, San Jose, CA 95131 (free parking next to building)

- Opening remarks by Dr. Peter Staecker, 2012 IEEE President-Elect
- RSVP necessary at www.ieee4life.org ; registration (including meals) is free.
TOPS, TISP and RE-SEED are local programs that will be described.

Misc.
- Simon Iacob wanted to publicize a 1-1/2 hour seminar on signal control/vibration testing (Sentek Dynamics) on 8 November 2012 and asked how to start that publicity
  - o Simon was advised to visit the e-grid.net/gcalendar and determine titles, subjects, societies for the past few years and process the publicity through the most suitable society or societies
- Sympathy cards for Jay Banwait (his mother) and Jeffrey Pawlan (his father) were signed by the attendees
- Brian provided a thank-you IEEE Milestone glass plaque to Perry Chow (SCV-SSCS) for the financial support his chapter gave for the Flash Memory Video project

Officer Reports

Chair (Brian Berg)
- Metro Area Workshop
  - o Event was Fri-Sat, Sept. 28-29 at the Santa Clara Convention Center
  - o MAW attendees present at this ExCom meeting included Brian, Sachin Desai, Kris Verma, Ed Aoki, John Swan, Roger Hoyt
  - o The MAW attracted approximately 270 attendees
  - o 38 speakers participated:
    - 6 were from CNSV
    - Friday tracks
      - Embedded Software (iOS, Android, Embedded Linux)
      - Life Sciences (Biotech and Medical Devices)
      - Career Assistance
    - Saturday tracks
      - 21st Century Infrastructure (Internet-of-Things, Big Data/The Cloud)
      - Consulting and Patents
      - Career Assistance
    - Keynote speakers were captured for ieee.tv for future MAW publicity
      - Jim Ready, Cadence: started embedded OS industry
      - Steve Hetzler, IBM Fellow: key storage industry architect
  - o SanDisk and Cadence recruited; Haynes & Boone was also a sponsor
  - o Sponsors at $1000
    - Sponsors included SCV, CNSV, CPMT, Berg Software Design
    - 7 $100 scholarships were given out
    - 4 in-kind full scholarships were given to CSIX, an organization that (by way of Kim Parnell) contributed greatly to the Career Assistance tracks
- R6 Women in Engineering (WIE) upcoming event
  - o Google, Mtn. View: 23-24 January 2013
  - o Hopefully this event will provide the spark to review our WIE AG chapter

- o Brian asked Ed Perkins to inform MGA that our WIE Chapter should not be disbanded even though it has had 3 years of inactivity
- Tom Coughlin's Region 6 Director-Elect Campaign
  - o The election has closed; Tom should hear by the end of the week re: who won

Vice Chair (Ed Aoki)

- Preparation for Officers Training Event (26 January 2013 at Michaels, Mtn. View)
- Desired topics were solicited, and the results of this will be sent out on the ExCom listserver. Results so far includes:
  - o A request for a 1-hour workshop which would not have a set presentation but would elicit input on what problems there are at the chapter level and what best practices have been developed. An "Unconference" bottoms-up format was suggested,
  - o (Received tonight): Since the Computer, CPMT and Consumer Electronics chapters have received "Best Chapter" awards, perhaps other chapters could benefits from these chapters' "best practices"
  - o (Received tonight): An input today: previous "training" sessions go too quickly to learn how to productively use the IEEE tools such as SAMIEEE and vTools. Eyes get glazed.
- Extra easels (9) and Flip Charts (3) purchased by the Section for MAW and saved for use by the SCV chapters; reduced the cost to MAW by ~ $150. This was in addition to the loan of A/V equipment by SCV CPMT. LMAG, Nano and CPMT have volunteered to store easels and FC holders

Treasurer (Sachin Desai)

As of end of August

Balance (Checking):	$206,000
Balance (Long Term Investment):	49,600
Expenses year to date:	29,700
Balance (Checking):	178,800

As of end of September

Balance (Checking):	$182,300

Flash Memory Milestone event expense share by SCV Section: $ 5,000
Zoe Lofgren event expenses: $ 5,200; Marvell contributed the balance of the event expenses.
Sachin plans to have a focused SFBAC Treasurer's Workshop (~ UnConference format)
An input at this meeting: Have expectations documented for each officer's position in time for new officer recruiting (next year)

Secretary (Jay Banwait) - Excused

Professional Activities Committee for Engineering (PACE) (Kiran Gunnam)

In abstentia report:

- September 22, 2012 TM: High Impact Interpersonal Communications… presented by Stuart Friedman, at Qualcomm, 53 IEEE members and 5 nom-members. A loss of $ 440

(primarily due to speaker's fee agreement) was borne (80%) by GOLD (co-sponsor) and (20%) by PACE.

- October 8, 2012 TM: Accelerating Analog Design, hosted PACE, by co-sponsored with SSCS, with registration at 160 as of October 3. Registration tripled when meeting announcement was sent to PACE distribution list.
- PACE program plans are in place for November and December.
- A comment: the PACE programs and co-sponsoring appear to be both effective and well received.

Committee Reports

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

- In abstentia report by Brian from Dick's material:
- Milestones:
  - o Ampex: Dick has been in discussion with several people, but does not yet have a champion
  - o Apple: Dick is trying to get a champion from within Apple, but they are responding slowly. Jared is talking with a few Apple employees
- CHM:
  - o There is a good article in the New York Times
    - ▪ www.nytimes.com/2012/09/29/arts/design/computer-history-museum-in-mountain-view-calif.html?hp&_r=0
  - o John Hollar, CHM CEO, said that many people have been reading this article

Membership Development (Kim Parnell and Ken Doniger) - Excused

Vehicular Technology Society (VTS) Revitalization (Dhaval Brahmbhatt)

- An event is planned by California Fuel Cell Partnership for Oct. 17 at TI in Santa Clara
- VTS 2013 officer nominations/elections are planned for announcement by end-October.
- VTS 2013 focus will be on next-generation technologies.
- Some discussion on withdrawing funds from USBank and Bank of America and depositing them in the CBRS account, using the CBRS-supplied deposit endorsement stamp and deposit slip and deposit envelope.

Nominations and Awards (Jeffrey Pawlan) - Excused

Webmaster (Jared Petrie) - Excused

GOLD (Jared Petrie) - Excused

Senior Member Advancement (Jack Berg)

- Held the SCV Section SM advancement event on Mon, Sept. 10 at Cogswell
- 19 applied for Senior Membership
- May need additional reference volunteers in the future

K-12/Science Fairs (Lee Colby)

- Student Noorsher Ahmed wants to establish an IEEE student club at Lynbrook HS
- A faculty sponsor is required and a Spanish teacher has volunteered.

Student Activities Coordinator (David Craven) - Excused

Central Area (Ram Sivaraman) - Excused

SFBAC (Ed Aoki, SFBAC Secretary)
- Discussions included:
- Jan. 2013 SFBAC Officer Training
- 2013 Global Humanitarian Technologies Conference (proposed to be located in SFBAC territory)
    o no decision pending budget/actual financial disclosure and registration/attendance data by program segment for 2011 and 2012 GHTC events
    o Also need clarification on "seed money" and its implications
- 2013 WIE event to be held at Google
- IEEE CS events heavily supported by volunteers from SFBAC (SCV) sections
    o (Hot Chips, Cool Chips, Hot Interconnects) with large distribution of revenue to national IEEE-CS

GRID Editor (Paul Wesling) - Excused

Old Business

- None

New Business

- None

Meeting adjourned at 8:07 PM

Minutes respectfully submitted by Ed Aoki, acting Secretary

- Next Meeting: 7 November 2012, Cogswell College Board Room

Chapter Reports for 7 November 2012 (Max. 6 Minutes each)

1.	Reliability Society	RAS
2.	Solid State Circuits Society	SSCS
3.	Vehicular Technology Society	VTS
4.	Women in Engineering Affinity Group (hoped for revival)	WIE

Attendance Roster Follows:

SCV Section Attendance, October 2, 2012   27 sign-ins

First	Last	IEEE Chapter/Office	Sr	Fellow	Email
Anaam	Ansari	SJSU-STB-Treasurer			anaamansari@hotmail.com
Arthur	Astrin	IT-Chair		x	astrin@ieee.org
Atif	Shaikh	TMC-Chair			atifrshaikh@gmail.com
Brian	Berg	SCV Chair	x		brianberg@gmail.com
David	Norlander	APS JT Chair			david_norlander@yahoo.com
Dhaval	Brahmbhatt	NANO-Chair	x		dhavaljb@ieee.org
Ed	Aoki	SCV Vice-Chair	x		e.aoki@ieee.org
Jack	Berg	SCV SM Advancement	x		johneberg@gmail.com
John	Crump	Tech Academy			john.crump@att.net
John	Delaney	TMC			John.Delaney@ieee.org
John	Swan	CS-Advisor	x		JohnSwan@ieee.org
Joydeep	Acharya	SPS			acharyajoydeep@gmail.com
Kris	Verma	SCV-Past Chair (96-97)	x		krisverma@sbcglobal.net
KRS	Murthy	Nano			krsmurthy2013@gmail.com
Lee	Colby	SCV-Chair - K-12	x		lee.colby@ieee.org
Les	Besser	LM Chair		x	LesBesser@AOL.com
Lynn	Omictin	SJSU-SBC-CPMT Chair			lynn_omictin@yahoo.com
Matt	Mohr	SJSU Formula Electric			mattmohr@gmail.com
Pat	Furagganan	TMC-Secretary			patf02@hotmail.com
Perry	Chow	SSCS Chair			aceperry@ieee.org
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Waymond	Chen	SJSU-STB-Events			waymond.chen@gmail.com