SCV ExCom Meeting Minutes – 5 September 2012
Cogswell College, Sunnyvale, CA

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

<table>
<thead>
<tr>
<th>ExCom Officer Attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brian A. Berg</td>
</tr>
<tr>
<td>Ed Aoki</td>
</tr>
<tr>
<td>Sachin Desai</td>
</tr>
<tr>
<td>Jay Banwait</td>
</tr>
</tbody>
</table>

Meeting started at 6:06 pm

Acceptance of 6 June Meeting Minutes (Brian Berg)
Accepted as submitted to the ExCom listserver.

Acceptance of Meeting Agenda (Brian Berg)
Accepted as submitted to the ExCom listserver.

Chapter Report #1: Photonics Society (PHOS) (Bob Herrick)
- Detailed officer report
- 350 members
- Meetings and meeting attendance
  - 4 Technical meetings this year
  - 50-70 attendees per meeting
- Finances
  - Current Balance $9341.25
- Looking for a Webmaster

Chapter Report #2: PhotoVoltaic JT Chapter (PV) (Bob Herrick)
- Detailed officer report
- Started as an IEEE chapter in Oct 2011
- Holding regular monthly meetings at PARC auditorium Palo Alto
- Cannot always meet GRID schedule for advertising meetings
- Typically 80 attendees per meeting
  - Limited number of IEEE members
- Finances
  - Balance $251.41

Chapter Report #3: Power Electronics Society (PELS) (Matthew Senesky)
- Inactive since beginning of year
- Total membership 225
- Finances: August 2012 bal. $4964.82
- Meeting at Texas Instruments 3rd Wed. of each month
- Chair is working on 2012 Int'l. Workshop on Power Supply on Chip (PwrSoC 2012)
Chapter Report #4: Power Engineering & Industry Applications JT Society (PES/IAS)  
(Richard Celio)  
- Officers recruitment is still an issue  
- Rotating officers to keep chapter alive  
- Membership 179  
- Finances $3133  
- Monthly meetings at Biltmore Hotel in Santa Clara  
- 20-30 average meeting attendance  
- 5 meetings so far this year  
  - 2 additional meetings planned  
  - 09/19 UPS and power protection  
  - 10/17 Fuel cells

Chapter Report #5: Product Safety Engineering Society (PSES) (Ken Kapur)  
- Detailed officer report  
- Finances $1002.51  
- Members 45  
- 40~50 attendance per meeting  
- 6 meetings so far this year  
- Meetings currently held at Underwriter Lab in Santa Clara  
- Social event followed by presentation  
- 60% IEEE members  
- Recently added Webex Access

Life Members Affinity Group Funding Request (LMAG) (Les Besser)  
- Must be at least 65, and age plus years of membership must be at least 100  
- Over 1500 Life Members reside in the Santa Clara Valley  
- SCV chapter formed about a year ago  
- Next Month: Saturday October 13th 2012 Forum on Education at at Santa Clara County Office of Education, San Jose  
  - Forum on Motivating Our Students to Become Engineers: How to Make it Happen (Jointly held with Oakland/East Bay LMAG)  
  - Ed Aoki suggested sending out event announcement on Santa Clara Distribution list  
  - Estimated expense for 100 attendees; $2,500  
  - Oakland East Bay Section will contribute $1000  
  - Region 6 LMAG will contribute $500-$1000  
  - Requesting $500 contribution from SCV Section

- Ed Aoki MOVED that SCV contribute $500 toward this event. Dick Ahrons SECONDED the motion. It PASSED unanimously.

COMSOC/CAS Joint Funding Request  
- Next Generation Circuit & Systems, Communication and Sensor Technologies in Mobile Devices (Sat, Sept. 29, Santa Clara Univ.)  
  - Morning session will cover CAS (Circuits and Systems Society) topics  
  - Afternoon session will cover ComSoc topics  
  - Lunch included
• InvenSense providing sponsorship up to $750
• A request was made for the Section to provide a refundable sponsorship of $500-$1000 to allow unemployed and students to attend the event
• Ed Aoki MOVED that the SCV Section provide a provisional grant to ComSoc of $1000 to subsidize students and unemployed attendees. ComSoc will provide a report following the event (within 30 days) so that any surplus would be refunded. Kim Parnell SECONDED the Motion. It PASSED unanimously.

SJSU Spherical Drive System Report (Andrew Parmar)
• Provided status report on SDS program
• Motorcycle-like vehicle with omni-directional maneuverability
• Completely green
• Total SCV contribution has been $4000
  • These funds were used to procure batteries, adapters and sensors
  • Other hardware was subsidized by a number of companies

Officer Reports

Chair (Brian Berg)
• IEEE Milestone for The Floating Gate EEPROM, 1976-1978 events
  • Mon, Aug. 20: Computer History Museum (CHM)
    ▪ About 325 in attendance
  • Tue, Aug. 21: Flash Memory Summit at Santa Clara Convention Center
    ▪ About 400 in attendance
  • Special guests for both events
    ▪ IEEE President Dr. Gordon Day
      • He dedicated it as the 125th IEEE Milestone at the CHM
    ▪ IEEE History Committee Chair flew out from Maryland
    ▪ IEEE History Center Outreach Historian Jon Vardalas
      • He said “your Section has set a new standard in what can be achieved by the Milestone program”
  • A video funded by SanDisk; the SCV Section; SFBAC; the CPMT, CNSV, CES, EDS, SSC and VTS chapters of SCV; Berg Software Design and Coughlin Associates, was shown at both events
    ▪ This video will have comments by Dr. Day (and possibly myself) prepended to it so that it can serve as a promotional tool for the IEEE Milestone program
    ▪ The video without these comments included is available via the Eli Harari link on the www.SanDisk.com home page
• Flash Memory Summit (Tue-Thu, 21-23 August)
  • Kiran Gunnam and Ned Varnica of Marvell taught a special IEEE Tutorial
    ▪ LDPC Decoding: VLSI Architectures and Implementations
  • 7-9:30pm, with a capacity crowd of 143
• Zoe Lofgren event (Sat., Sept. 1, 1-3pm)
Congresswoman Zoe Lofgren was presented with an IEEE-USA Award for Distinguished Public Service, specifically, “for dedicated support of technology, innovation and the men and women who engineer our future.”

PACE Chair Kiran Gunnam submitted the proposal for this award

Held at Marvell Semiconductor’s main lobby (near Great America and 237)

About 80 in attendance
- About one-third were SCV officers
- SJSU President Mo Qayoumi
- Shankar Sastry, UC Berkeley Dean of College of Engineering
- Marvell co-founder Weili Dai

Trish Bass, PSE Chapter Secretary, provided extensive assistance

Story in today’s EE Times

Metro Area Workshop status

Event is Fri-Sat, Sept. 28-29 at the Santa Clara Convention Center

Over 3 dozen speakers have been lined up in the tracks:
- Embedded Software (iOS, Android, Embedded Linux)
- Life Sciences (Biotech and Medical Devices)
- Consulting and Patents
- Career Assistance
- Keynote speakers to be captured for ieee.tv for future MAW publicity
  - Jim Ready, Cadence: started embedded OS industry
  - Steve Hetzler, IBM Fellow: key storage industry architect

Employment Recruiting
- SanDisk and Cadence will be recruiting
- We are looking for other companies to join at a cost of $1500
  - includes 2 full admissions
  - allow 4 recruiters to attend Friday reception
  - logo on website and in marketing materials

Sponsorship opportunities at $1000 (with proceeds to directly fund scholarships)
- Sponsors include CNSV, CPMT, Berg Software Design
- Propose SCV Section also be sponsor

Lee Colby MOVED that the SCV Section provide MAW $1000 for students and unemployed scholarship funds to attend the event. Kiran Gunnam SECONDED. It PASSED unanimously.

Tom Coughlin’s Region 6 Director-Elect Campaign
- Balloting runs through October 1
- Tom has a blog at www.facebook.com/thomas.coughlin.908
- Tom is also promoting “Webinar in a Box” to try to get some of our local events broadcast on the web for viewing elsewhere in Region 6

Vice Chair (Ed Aoki)
- No report

Treasurer (Sachin Desai)
- No report, but one will be supplied for the October meeting
Secretary (Jay Banwait)
- No report

PACE (Kiran Gunnam)
- Kiran reported on recent activities, including the class at Flash Memory Summit

Committee Reports

Senior Member Advancement (Jack Berg)
- Next event is on Mon, Sept. 10.

IEEE/Computer History Museum (CHM) Relationship and IEEE Engineering Milestones Report (Dick Ahrons)
- Working with Apple Inc.

Vehicular Technology Society (VTS) Revitalization (Kim Parnell, Dhaval Brahmbhatt)
- Successful Aug. 29 meeting at Texas Instruments
  - 2 speakers
  - Midday meeting
  - Attendance of 60

Nominations and Awards (Jeffrey Pawlan)
- R6 Central Area and Region 6 Awards announcements

Webmaster (Jared Petrie)
- Would like to consider better defining the Section Webmaster responsibilities
- Jared suggested that web content should be viewed as responsibility of the other stakeholders
- Would like to make a copy of the Section Web Site and use as an example for officer training
- Ed Aoki suggested this as a good topic for Webex

GOLD (Jared Petrie)
- Meet at Carls Junior at Kifer
- Planned events
  - Hike
  - 4 hour Professional Development location will be at Qualcomm’s cafeteria
  - Fashion event; dressing for success
- Previous Winery tour in Santa Cruz was a great event
- Gordon Biersch Tour was also well attended

Membership Development (Kim Parnell and Ken Doniger)
- The previous year’s 4~5% fall off has reduced
- There has been an increase in senior member category
- Reduction in student category numbers
- Contact associate members to upgrade membership
K-12/Science Fairs (Lee Colby; Ken Doniger)
- Lee Colby encouraged everyone to attend the IEEE for Life Event on October 13th
- Student Noorsher Ahmed wants to establish IEEE presence at Lynbrook High School
  - He attended Zoe Lofgren event

SFBAC (Ed Aoki, SFBAC Secretary)
- Next Meeting is on September 10

<table>
<thead>
<tr>
<th>Old Business</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>New Business</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
</tr>
</tbody>
</table>

- Next Meeting: 3 October 2012, Cogswell College Board Room

Chapter Reports for 3 October 2012 (Max. 6 Minutes each)
1. Reliability Society RS
2. Robotics and Automation Society RAS
3. Signal Processing Society SPS
4. Solid State Circuits Society SSCS
5. Technology Management Council TMC

- Meeting Adjourned at 9:15

Respectfully submitted by SCV Secretary Jay Banwait
<table>
<thead>
<tr>
<th>No.</th>
<th>First</th>
<th>Last</th>
<th>Chapter/Office</th>
<th>Senior</th>
<th>Fellow</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Andrew</td>
<td>Parmar</td>
<td>SJSU SDS</td>
<td>x</td>
<td></td>
<td><a href="mailto:simplybava@gmail.com">simplybava@gmail.com</a></td>
</tr>
<tr>
<td>2</td>
<td>Brian</td>
<td>Berg</td>
<td>SCV Section Chair</td>
<td>x</td>
<td></td>
<td><a href="mailto:b.berg@ieee.org">b.berg@ieee.org</a></td>
</tr>
<tr>
<td>3</td>
<td>David</td>
<td>Norlander</td>
<td>APS Chair</td>
<td></td>
<td></td>
<td><a href="mailto:david_norlander@yahoo.com">david_norlander@yahoo.com</a></td>
</tr>
<tr>
<td>4</td>
<td>Dhaval</td>
<td>Brahmbhatt</td>
<td>NANO Chair</td>
<td>x</td>
<td></td>
<td><a href="mailto:dhavaljb@ieee.org">dhavaljb@ieee.org</a></td>
</tr>
<tr>
<td>5</td>
<td>Dick</td>
<td>Ahrons</td>
<td>SCV-IEEE Engr Milestone Coordinator</td>
<td>x</td>
<td></td>
<td><a href="mailto:ahrons@alum.mit.edu">ahrons@alum.mit.edu</a></td>
</tr>
<tr>
<td>6</td>
<td>Dimitri</td>
<td>Loizos</td>
<td>CAS-SCV Secretary</td>
<td></td>
<td></td>
<td><a href="mailto:dloizos@gmail.com">dloizos@gmail.com</a></td>
</tr>
<tr>
<td>7</td>
<td>Ed</td>
<td>Aoki</td>
<td>SCV Section VC</td>
<td>x</td>
<td></td>
<td><a href="mailto:e.aoki@ieee.org">e.aoki@ieee.org</a></td>
</tr>
<tr>
<td>8</td>
<td>Evan</td>
<td>Lu</td>
<td>SJSU SDS</td>
<td></td>
<td></td>
<td><a href="mailto:evan.c.lu@gmail.com">evan.c.lu@gmail.com</a></td>
</tr>
<tr>
<td>9</td>
<td>Henry</td>
<td>Li</td>
<td>SJSU SDS</td>
<td></td>
<td></td>
<td><a href="mailto:hli.824@gmail.com">hli.824@gmail.com</a></td>
</tr>
<tr>
<td>10</td>
<td>Jack</td>
<td>Berg</td>
<td>SCV SM Advancement</td>
<td></td>
<td></td>
<td><a href="mailto:johnneberg@gmail.com">johnneberg@gmail.com</a></td>
</tr>
<tr>
<td>11</td>
<td>Jared</td>
<td>Petrie</td>
<td>SCV-Webmaster, GOLD Chair</td>
<td></td>
<td>x</td>
<td><a href="mailto:scv_webmaster@ieee.org">scv_webmaster@ieee.org</a></td>
</tr>
<tr>
<td>12</td>
<td>Jay</td>
<td>Banwait</td>
<td>SCV-Secretary</td>
<td></td>
<td>x</td>
<td><a href="mailto:jsbanwait@ieee.org">jsbanwait@ieee.org</a></td>
</tr>
<tr>
<td>13</td>
<td>Jeffrey</td>
<td>Pawlan</td>
<td>SCV-Nominations &amp; Awards Chair</td>
<td>x</td>
<td></td>
<td><a href="mailto:pawlan@ieee.org">pawlan@ieee.org</a></td>
</tr>
<tr>
<td>14</td>
<td>Ken</td>
<td>Kapur</td>
<td>PSE Chair</td>
<td></td>
<td></td>
<td><a href="mailto:ken_kapur@non.agilent.com">ken_kapur@non.agilent.com</a></td>
</tr>
<tr>
<td>15</td>
<td>Kim</td>
<td>Parnell</td>
<td>SCV Junior Past Chair</td>
<td>x</td>
<td></td>
<td><a href="mailto:kim.parnell@stanfordalumni.org">kim.parnell@stanfordalumni.org</a></td>
</tr>
<tr>
<td>16</td>
<td>Kiran</td>
<td>Gunnam</td>
<td>SCV-PACE Chair</td>
<td></td>
<td>x</td>
<td><a href="mailto:kgunnam@ieee.org">kgunnam@ieee.org</a></td>
</tr>
<tr>
<td>17</td>
<td>Kris</td>
<td>Verma</td>
<td>SCV-Past Chair (1996-97)</td>
<td>x</td>
<td></td>
<td><a href="mailto:kris@svtii.com">kris@svtii.com</a></td>
</tr>
<tr>
<td>18</td>
<td>Lee</td>
<td>Colby</td>
<td>SCV-Chair K-12; SCV-Past Chair (2005)</td>
<td>x</td>
<td></td>
<td><a href="mailto:lee.colby@ieee.org">lee.colby@ieee.org</a></td>
</tr>
<tr>
<td>19</td>
<td>Les</td>
<td>Besser</td>
<td>LM Chair</td>
<td></td>
<td>x</td>
<td><a href="mailto:LesBesser@AOL.com">LesBesser@AOL.com</a></td>
</tr>
<tr>
<td>20</td>
<td>Matthew</td>
<td>Senesky</td>
<td>PEL Chair</td>
<td></td>
<td></td>
<td><a href="mailto:senesky@gmail.com">senesky@gmail.com</a></td>
</tr>
<tr>
<td>21</td>
<td>Max</td>
<td>Ratner</td>
<td>SJSU SDS</td>
<td></td>
<td></td>
<td><a href="mailto:maksim.ratner@gmail.com">maksim.ratner@gmail.com</a></td>
</tr>
<tr>
<td>No.</td>
<td>First</td>
<td>Last</td>
<td>Chapter/Office</td>
<td>Senior</td>
<td>Fellow</td>
<td>Email</td>
</tr>
<tr>
<td>-----</td>
<td>---------</td>
<td>---------</td>
<td>-----------------------------------------</td>
<td>--------</td>
<td>--------</td>
<td>-------------------------</td>
</tr>
<tr>
<td>22</td>
<td>Richard</td>
<td>Celio</td>
<td>PE/IA Chair</td>
<td>x</td>
<td></td>
<td><a href="mailto:rcelio@apt4power.com">rcelio@apt4power.com</a></td>
</tr>
<tr>
<td>23</td>
<td>Robert</td>
<td>Herrick</td>
<td>Photonics/PV Treasurer</td>
<td>x</td>
<td></td>
<td><a href="mailto:bob-herrick@sbcglobal.net">bob-herrick@sbcglobal.net</a></td>
</tr>
<tr>
<td>24</td>
<td>Roger</td>
<td>Hoyt</td>
<td>R6 MAW Chair; SCV-Past Chair (1995-96)</td>
<td>x</td>
<td></td>
<td><a href="mailto:r.hoyt@ieee.org">r.hoyt@ieee.org</a></td>
</tr>
<tr>
<td>25</td>
<td>Sachin</td>
<td>Desai</td>
<td>SCV Treasurer</td>
<td></td>
<td></td>
<td><a href="mailto:sachin.desai@ieee.org">sachin.desai@ieee.org</a></td>
</tr>
<tr>
<td>26</td>
<td>Sameer</td>
<td>Herlekar</td>
<td>COMSOC Vice Chair</td>
<td></td>
<td></td>
<td><a href="mailto:srherlekar@gmail.com">srherlekar@gmail.com</a></td>
</tr>
<tr>
<td>27</td>
<td>Shahram</td>
<td>Mahdavi</td>
<td>CAS Chair</td>
<td></td>
<td></td>
<td><a href="mailto:shahramm20@yahoo.com">shahramm20@yahoo.com</a></td>
</tr>
</tbody>
</table>