

**MINUTES OF 3<sup>rd</sup> IEEE SINGAPORE SECTION GENERAL COMMITTEE MEETING HELD ON 15 SEPTEMBER 2008 (MONDAY), 6:30 PM AT THE NUS STAFF CLUB**

**PRESENT:**

Lalit K Goel  
 So Ping Lam  
 Rajnish Gupta  
 Don Mahinda Vilathgamuwa  
 Sabu Emmanuel  
 Sanjay K Bose  
 Thomas Liew  
 Chau Lap Pui (Representative)  
 Cheng Tee Hiang  
 Lau Lee Yee  
 Xiang Cheng (Representative)  
 See Kye Yak  
 Xu Jian Xin  
 Anil K. Varma (Representative)  
 Li Zhengguo  
 Tseng King Jet  
 Yu Changyuan  
 S.N. Piramanayagam (Representative)  
 Chen Zhining  
 Sun Xiaowei (Representative)  
 Pallayil Venugopalan  
 Mohammed H. Haque (Representative)  
 Alastair Trigg  
 Louis Phee Soo Jay  
 Bi Guoan  
 Lekha Chaisorn

Section Chairman  
 Section Vice-Chairman  
 Section Secretary  
 Section Treasurer  
 Section Committee Member  
 Section Committee Member  
 Section Committee Member  
 Circuits & Systems Chapter Secretary  
 Communications Chapter Chair  
 Computer Chapter Chair  
 Control Systems Chapter Vice-Chair  
 Electromagnetic Compatibility Chapter Vice-Chair  
 Engineering in Medicine & Biology Chapter Chair  
 Engineering Management Chapter Vice-Chair  
 Industrial Electronics Chapter Secretary  
 IA/Power Electronics Chapter Chair  
 Lasers & Electro Optics Chapter  
 Magnetism Chapter Secretary  
 MTT/AP Chapter Chair  
 Nanotechnology Chapter Vice-Chair  
 Oceanic Engineering Chapter Chair  
 Power Engineering Chapter Chair  
 REL/CPMT/ED Chapter Chair  
 Robotics & Automation Chapter Chair  
 Signal Processing Chapter Chair  
 WIE AG Chair

**ABSENT WITH APOLOGIES:**

Tan Cher Ming  
 Ng Geok See  
 Abdul Wahab  
 Lee Kar Heng  
 Rajan Walia  
 Chew Chee Meng  
 Chin Woon Hau  
 Zhou Yi

Immediate Past Chairman  
 Computational Intelligence Chapter Chair  
 Consumer Electronics Chapter Chair  
 Education Chapter Chair  
 Solid State Circuits Chapter Chair  
 Systems, Man & Cybernetics Chapter Chair  
 Vehicular Technology Chapter Chair  
 GOLD AG Chair

**IN ATTENDANCE:**

Jasmine Leong

IEEE Singapore Section Secretariat

		<b>ACTION BY</b>
<b>1)</b>	<b>CHAIRMAN'S OPENING REMARKS</b>	
1.1	The meeting was called to order at 7:45pm. The Chairman apologized for the delay in the commencement of the meeting due to the long dinner.	
1.2	The Chairman informed the meeting of the untimely death of dedicated and young Prof Oei Ban Leong in a road accident. Chairman asked that the meeting observe a minute of silence in honour of Prof Oei Ban Leong.	
1.3	The Chairman welcomed Mrs Jasmine Leong who took over from Ms Mary Lim as the IEEE Singapore Section Secretariat with effect from 15 August 2008. IES wanted to increase the Secretariat fee from S\$1,330 (excluding overtime pay) to about S\$5,000 and then subsequently reduced to S\$3,000. Jasmine's contract is for 1½ years till 31 December 2009.	
<b>2)</b>	<b>CONFIRMATION OF THE MINUTES OF LAST MEETING</b>	
2.1	As proposed by Prof Pallayil Venugopalan and seconded by Prof Sun Xiaowei, the minutes of the 2 <sup>nd</sup> General Committee Meeting held on 14 April 2008 were confirmed without amendments.	
<b>3)</b>	<b>MATTERS ARISING</b>	
3.1	<u>Item 4.2 – TENCON 2009</u>	
a.	The first Organizing Committee Meeting was held on 29 August 2008 and the budget was sent to the Section for approval.	
b.	The venue has been confirmed as the Suntec City Convention Centre and the committee	

<p>c.</p> <p>d.</p>	<p>is expecting an attendance of about 300 persons.</p> <p>The meeting was informed that the IEEE Singapore Section last organized the TENCON in 2001 on a cruise ship. The meeting held in 2007 in Taiwan had a profit of about US\$40,000 and the TENCON 2009 is hoping to equal this amount, if not better.</p> <p>Prof Tseng King Jet, the TENCON 2009 Organizing Chair, appealed for support from members to be on the Organizing Committee as well as to assist during the paper review.</p>	
<p><b>4)</b></p> <p>4.1</p> <p>a.</p> <p>4.2</p> <p>a.</p> <p>b.</p> <p>4.3</p> <p>a.</p> <p>b.</p> <p>4.4</p> <p>a.</p> <p>4.5</p> <p>a.</p> <p>b.</p>	<p><b>CHAIRMAN'S REPORT</b></p> <p><u>IES/IEEE Joint Medal of Excellence Award</u></p> <p>The meeting was informed that the Section had booked a table for 10 persons for the IES 42<sup>nd</sup> Annual Dinner &amp; Dance, where the IES/IEEE Joint Medal of Excellence Award would be presented. The General Committee Members were invited to attend the event:</p> <p>Date: 17 October 2008 (Friday) Time: 6:30pm Venue: Shangri-La Hotel</p> <p><u>Region 10 Caucus</u></p> <p>Thirteen major issues have been identified for discussion at the upcoming Sections Congress in Quebec City to be held from 19 to 22 September 2008. The Section Chairs have been asked to rank these issues so that the top 6 may be considered at the caucus meeting of Region 10 at the Sections Congress.</p> <p>The file had been emailed on 1 September 2008 to all the Chapter and AG Chairs for their inputs and Jasmine will forward the results collated from the ranking to the General Committee Members.</p> <p><u>Student Activities</u></p> <p>Chairman reported that he together with Prof So Ping Lam, Dr Rajnish Gupta and Prof Sabu Emmanuel attended the inaugural meeting of a new Student Branch formed by the University of Newcastle, Singapore Branch. There are about 20 members. This is the fourth Student Branch of the IEEE Singapore Section. The other three are NTU, NUS and JCU.</p> <p>The Student Branch Committee will be looking into forming branches at the Polytechnics, starting with Nanyang Polytechnic.</p> <p><u>Awards &amp; Recognition</u></p> <p>The Best Chapter Award for 2008 would be given to the Rel/CPMT/ED Chapter and the Outstanding Volunteer would be awarded to Prof Xie Min of the EMS Chapter. The awards would be presented at the Annual General Meeting.</p> <p><u>IEEE 125<sup>th</sup> Anniversary</u></p> <p>The IEEE Inc. would be celebrating her 125<sup>th</sup> Anniversary in 2009. Three cities in Region 10 were identified as the major hosts for the celebrations and the other Sections were also encouraged to organize their own celebrations.</p> <p>Chairman will provide more information when he returns from the Sections Congress. The celebrations could be used as an opportunity to promote membership.</p>	<p>Jasmine</p>
<p><b>5)</b></p> <p>5.1</p> <p>a.</p> <p>5.2</p> <p>a.</p> <p>5.3</p> <p>a.</p> <p>b..</p> <p>c.</p>	<p><b>SECRETARY'S REPORT</b></p> <p><u>L31 Report</u></p> <p>R. Gupta presented the Chapters' Activities Charts for 2007 and 2008. He urged the members to report their Chapter's activity in the L31 Form. The following are the minimum requirements for a chapter to qualify for the rebate of US\$200:</p> <ul style="list-style-type: none"> <li>• Chapter must have at least 10 members, and</li> <li>• Chapter must hold at least two technical meetings per year.</li> </ul> <p><u>31<sup>st</sup> Annual General Meeting</u></p> <p>The Secretary informed the meeting that the AGM would be held during the first week of December 2008. The Chapter Chairs and Treasurers were reminded to submit their reports on time.</p> <p><u>vTools Voting Software</u></p> <p>The Section has been invited to participate in the pilot scheme of vTools at a cost of US\$100. The advantages and disadvantages of using the system were discussed at the last Executive Committee Meeting held on 25 August 2008, and the Executive Committee had voted to use this software in the coming elections, if possible.</p> <p>According to the IEEE Inc's record, last year's pilot scheme showed a 100% increase in voter participation in all of the units that participated in this scheme.</p> <p>System features include the following.</p> <ul style="list-style-type: none"> <li>- voter authentication via IEEE web accounts;</li> <li>- intuitive user interface for creating election ballots;</li> </ul>	

	<ul style="list-style-type: none"> <li>- ability to create professionally looking ballots;</li> <li>- ability to send voting reminders via e-mail;</li> <li>- ability to record votes submitted on paper;</li> <li>- ability to run reports;</li> <li>- ability to randomize ballot choices;</li> <li>- auditing;</li> <li>- IEEE branded look and feel.</li> </ul>	
<b>6)</b>	<b>TREASURER'S REPORT</b>	
6.1	<u>Section Rebate for 2007 Activities</u>	
a.	The Section qualified for the 10% Timeliness Bonus for the timely submission of the Bank Account Disclosure Form and the Consolidated Financial Report before the deadlines.	
b.	18 Chapters qualified for the Chapter Rebate of US\$200 (reporting at least 2 technical meetings).	
c.	13 Chapters also qualified for the Activity Bonus of US\$75 (reporting at least 6 technical meetings).	
d.	Two Affinity Groups, GOLD and WIE qualified for the Affinity Group Rebate of US\$200.	
e.	The Student Branches are also entitled to have the rebate of US\$1308.	
f.	The six Chapters which did not qualify for the Rebate are: NANO, VT, OE, EMB, SSC and CE Chapters. The Treasurer encouraged them to work harder.	
6.2	<u>2008 Interim Financial Report</u>	
	The Chapter Chairs were requested to remind their Treasurers to submit their Chapter's Interim Financial Report for the period of 1 January 2008 to 31 September 2008 by 10 October 2008.	
6.3	<u>Bank Accounts</u>	
a.	The Treasurer reported that there are 22 bank accounts with the DBS Bank (1 for Section and 21 for the Chapters). The waiver of service charges is applicable for up to a maximum of 30 current accounts subject to a total deposit balance of not less than \$600,000.	
b.	There are currently 28 accounts with the OCBC Bank (1 for Section and another 27 for the conferences). The waiver of service charge is applicable for accounts with balance of \$10,000 and above.	
<b>7)</b>	<b>EDUCATIONAL &amp; PROFESSIONAL ACTIVITIES/MEMBERSHIP DEVELOPMENT CHAIR'S REPORT</b>	
7.1	Dr Thomas Liew reported some statistics of the IEEE Singapore Section membership.	
7.2	The tie-up with the Singapore Science Centre has been confirmed and members can do their booking with the Section Secretariat. The complimentary tickets to the Omni Theatre would be given to the General Committee Members during AGM.	
7.3	Chapter Chairs were requested to identify members who are eligible to be elevated to the Senior Member status.	All Chapter Chairs
<b>8)</b>	<b>E-COMMUNICATION CHAIR'S REPORT</b>	
8.1	Prof Sanjay K. Bose reminded members that the E-newsletter broadcasts are done fortnightly. Announcements must be submitted before the middle of the month and end of the month. IEEE HQ would take about two days to do the broadcast.	
8.1	The IEEE Singapore Section Website has also been updated.	
<b>9.</b>	<b>AWARDS &amp; RECOGNITION CHAIR'S REPORT</b>	
9.1	Best Chapter Award - Out of the two chapters nominated, the Best Chapter for 2008 was awarded to the Rel/CPMT/ED Chapter.	
9.2	Outstanding Volunteer Award - Out of the three nominations, the Outstanding Volunteer winner for 2008 is Prof Xie Min from the EMS chapter.	
9.3	The S\$200 cash prize for the Best Chapter Award and the plaque and certificate for the Outstanding Volunteer Award would be presented during the AGM.	
<b>10)</b>	<b>STUDENT ACTIVITIES</b>	
10.1	The following are the four Student Branches: <ul style="list-style-type: none"> <li>• JCU Singapore Student Branch</li> <li>• NTU Student Branch</li> <li>• NUS Student Branch</li> <li>• University of Newcastle, Singapore <ul style="list-style-type: none"> <li>– Branch Counselor - Aparna Viswanath Padmavati</li> </ul> </li> </ul> <p>The following are the events to be organized by the NTU Student Branch for 2008-2009:</p>	

10.2	<p>1) IEEE Talent Search Quiz Date: 9 and 10 September (Online Quiz) and 17 September (Final Round)</p> <p>2) IEEE Networking Night Date (tentative): First week of October</p> <p>3) IEEE Science Olympiad Date (tentative): Mid-January</p> <p>4) IEEE Tech Fest Date (tentative): Mid-February</p> <p>5) IEEE Science Symposium Date (tentative): Preliminary round – end February/Early March; Final Round - Early May</p> <p>6) IEEE Island Wide Quiz Contest Date (tentative): Preliminary round – 21 February; Final Round – 7 March</p>	
11) 11.1	<p><b>CHAPTERS' AND AFFINITY GROUPS' REPORTS</b></p> <p><b><u>Circuits &amp; Systems Chapter</u></b> The Chapter Secretary, Prof Chau Lap Pui reported as follows:</p> <p>Summary of Activities in 2008 (up to 8 September)</p> <ol style="list-style-type: none"> <li>Chapter Committee meeting (4)</li> <li>IEEE CAS Distinguished Lecture (5)</li> <li>Technical Seminars (12)</li> <li>Professional Talk (1)</li> <li>Social Activity (1)</li> </ol> <p>Activities confirmed in 2008 (up to 30 September)</p> <ol style="list-style-type: none"> <li>Postgraduate Student Workshop (1)</li> <li>IEEE CAS Distinguished Lectures (1)</li> </ol>	
11.2	<p><b><u>Communication Chapter</u></b> The Chapter Chair Prof Cheng Tee Hiang presented the following report:</p> <p>May to August 2008 Activities</p> <ul style="list-style-type: none"> <li>- Wireless Communication Technologies on Medical Devices and Recommendations: Dr Kok Swang Tan (Health Canada ), 2 June 08</li> <li>- Network event detection with complexity and entropy measures, Speaker: Ulrich Speidel (The University of Auckland ), 4 July 08.</li> <li>- MAPEL: Achieving Global Optimality in Non Convex Power Control Problem, Speaker: Dr Angela Yingjun Zhang (The Chinese University of Hong Kong), 8 July 08</li> <li>- Frequency Offset Estimation in MIMO Channels, Speaker: Ajit Chaturvedi (IIT Kanpur) 10 July 08</li> <li>- The four MIMOS Myths and Realities, Speaker: Lajos Hanzo (University of Southampton), 14 May 08.</li> </ul> <p>Planned Activities</p> <ul style="list-style-type: none"> <li>- The Eleventh IEEE International Conference on Communications Systems (ICCS 2008) , ICCS 2008, 19-21 November, Guangzhou, China</li> <li>- DLT talk by Mehmet Ulema in January 2009</li> </ul>	
11.3	<p><b><u>Computational Intelligence Chapter</u></b> This chapter was not represented and there was no report</p>	
11.4	<p><b><u>Computer Chapter</u></b> The Chapter Chair Mr Lau Lee Yee reported as follows:</p> <p><b>Committee</b> Chairman: Lau Lee Yee Deputy Chairman: Bharadwaj Veeravalli Secretary: Chan Khin Choong Treasurer: Chang Wee Lee Committee Member: Somnath Giri Committee Member: Gourab Sen Gupta Committee Member: Tham Jo Yew (co-opted) Committee Member: Zhu Yongwei (co-opted)</p> <p><b>Activities in 2008</b></p> <ol style="list-style-type: none"> <li>Committee meetings – 4</li> <li>Technical talks – 1</li> <li>IEEE International Conference on Networks (ICON 2008) in India – Technical co-sponsor</li> <li>ACM SIGGRAPH International Conference on Virtual-Reality Continuum and its Applications in Industry (VRCAI 2008) - Cooperation</li> </ol>	
11.5	<p><b><u>Consumer Electronics Chapter</u></b> This chapter was not represented but the following report was submitted and presented:</p> <p><b><u>Activities (Jan – Jun 2008)</u></b></p> <ul style="list-style-type: none"> <li>- Administrative: 3 Chapter meetings held so far (15 Jan, 23 Apr and 28 May)</li> <li>- Technical: 1. Talk - Virtualization of Digital Storage in a Consumer Environment by Dr Thomas Coughlin (4 Mar) 2. International Workshop on Digital infoTainment and Visualization held Terengganu,</li> </ul>	

	Malaysia (16 – 17 Jun)  <u>Others:</u> Successfully bid to host ISCE 2011 in Singapore (16 Apr)	
11.6	<b><u>Control Systems Chapter</u></b> The Chapter Vice Chair, Prof Xiang Cheng presented the following: <u>Activities in May – August 2008</u> Administrative Meetings: Chapter meetings: 12 July 2008  Member Activities: Wine appreciation workshop, 2 May 2008, co-organized with R&A Chapter (Open to all chapter members)  Seminars: 9 seminars (30 Apr, 9 May, 9 May, 27 May, 13 Aug, 13 Aug, 14 Aug, 25 Aug, 29 Aug)  Planned Activities 1. the 4th Postgraduate Student Workshop in Control and Automation (22 Sept 2008) 2. IEEE Distinguished Lectures (18 Sept 2008) 3. Technical Seminars 4. Golf Introduction Session (in place of table tennis competition), co-organized with SMC Chapter, Open to all chapter members, 22 Sept 2008	
11.7	<b><u>Education Chapter</u></b> This chapter was not represented but the following report was submitted and presented: Conducted technical Seminar “Build your PDA/Palm PC/Digital Signal Processing Embedded Platform from Hardware to OS and Application” by Dr. Yang Heng at the Republic Polytechnic on 30 July 2008. Many students, staff as well as engineers from industries attended the seminar.	
11.8	<b><u>Electromagnetic Compatibility Chapter</u></b> The Chapter Vice-Chair, Prof See Kye Yak presented the following: - Our Chapter Chair, Assoc Prof Ooi Ban Leong passed away on 16 <sup>th</sup> August 2008, aged 41. A special article on his contribution to IEEE as well as to the EMC Chapter will be published in the next issue of IEEE EMC Society Newsletter.  - Seven Technical Seminars were conducted between January and August 2008.  - There were two Committee Meetings held: 28 January 2008 and 7 April 2008.  - All Singapore EMC Chapter members were invited to the Asia Pacific EMC Conference Banquet Dinner held on 21 May 2008.	
11.9	<b><u>Engineering in Medicine &amp; Biology Chapter</u></b> The Chapter Chair Prof Xu Jian Xin reported as follows:- <b>Activities in 2008</b> <b>Tech Sponsor: i-Creative 2008</b> - 2nd international Conference on Rehabilitation Engineering and Assistive Technology (i-CREATe) which was held last 13 -1 5 May 2008 in Bangkok, Thailand <b>Sponsor: IEEE HealthCom 2008</b> - 10th IEEE International Conference on e-Health Networking, Applications and Services, held on 7-9 July (I2R) <b>Tech Sponsor: Ocular Imaging Symposium 2008</b> - held on 26 June at SERI <b>Co-organizer with SIMTech</b> - Technical Lecture on “Organ Printing: Promises and Challenges, held on 5 June 2008, SIMTech” <b>Co-organizer with SIMTech</b> - MedTech Technology Talk on “Research and Development of Non-invasive Human Brain Activity Monitoring Systems”, held on 17 July, SIMTech <b>Plans in 2008/2009</b> - <b>Co-organizer with NTU:</b> tech talk on imaging - <b>Tech Cosponsor:</b> i-Creative 2009	
11.10	<b><u>Engineering Management Chapter</u></b> The Chapter Chair, Prof Roger Jiao presented the following. - The 4th IEEE International Conference on Management of Innovation & Technology (ICMIT2008), 21-24 Sep 2008, Bangkok, Thailand - IEEE International Conference on Industrial Engineering & Engineering Management (IEEM2008), 8-11 Dec 2008, Singapore  - Technical Talk, Dr. Y Miao, Victory University, Australia, 22 July 2008 - Technical Talk, Dr. Zhang Daqing, INT, France, 12 Sept 2008  - Committee Meeting, 14 May 2008	

	<ul style="list-style-type: none"> <li>- Committee Meeting, 27 June 2008</li> <li>- Mid-autumn Festival EMS Members Gathering, 12 Sept 2008</li> </ul>	
11.11	<p><b><u>Industrial Electronics Chapter</u></b>  The Chapter Secretary, Dr Li Zhengguo reported as follows:</p> <ul style="list-style-type: none"> <li>➤ Organization of ICIEA 2008, Singapore, 03 - 05 June 2007 7 tracks, 300 plus attended the conference.</li> <li>➤ Co-organization of CCDC 2008 to be held in Yantai, China 500 plus attended the conference.</li> <li>➤ Organization of ICIEA 2009 planned to be held in Xian, China Committee formed, CFP distributed</li> <li>➤ Co-organization of 2<sup>nd</sup> ISSCAA to be held in Shenzhen, China 400 received, 200 plus registered.</li> <li>➤ Organization of technical talks and short courses, over ten technical talks are been conducted.</li> <li>➤ Organized one social activity for IE members and their families, 80 people.</li> <li>➤ Industrial liaisons and promotion of IE Chapter to attract new members</li> <li>➤ Nominated as best chapter by IE society</li> </ul>	
11.12	<p><b><u>Industrial Applications / Power Electronics Joint Chapters</u></b>  The Chapter Chair, Prof Tseng King Jet Chapter Chair reported as follows:  <b>Activities in 2008</b></p> <ol style="list-style-type: none"> <li>1. IEEE International Conference on Sustainable Energy Technologies <ul style="list-style-type: none"> <li>- 540 papers received; Review completed: acceptance rate &lt; 70%</li> <li>- 2 Tutorials and 4 keynote addresses</li> <li>- 3 Days of technical sessions</li> <li>- On track to successful conference in Nov 2008</li> </ul> </li> <li>2. 1 Distinguished Lectureship confirmed for Dec 2008</li> <li>3. Social Activity: Members' Family Night on 6 Sep 2008</li> <li>4. Social Activity: Committee Appreciation Trip on Singapore Flyer</li> <li>5. Awarded US\$1000 grant from PEL Society</li> <li>6. Technically co-sponsored the Fuel Cells Workshop with Temasek Polytechnic on 14 Apr 2008. Attendance: approximately 300.</li> <li>7. PEDS 2007 financial account closed.</li> <li>8. Preparations for PEDS 2009 in Taiwan progressing smoothly.</li> </ol>	
11.13	<p><b><u>Lasers &amp; Electro-Optics Chapter</u></b>  The Chapter Chair Prof Shum Ping reported as follows:  <b>Activities in 2008</b>  Organized 11 technical activities and 1 conference in 2008</p> <p>Dec 2008  Workshop on Optical Sensor Technology  Invited Speakers:  Dr W Habel (BAM, Germany), Dr P Y Fonjallaz (KPRC/ACREO, Sweden), Dr. P A M  Basheer and Dr S Taylor (QUB, UK / Sengenia, UK), Dr A Bismarck and Dr A R Karimi  (IC, UK), Dr. K T V Grattan, Dr T Sun, Dr M Rajesh and Dr C Chung Chun Lam (CU,  UK), Dr C Fitzpatrick (UL, Ireland) and Prof L Cronin (UG, UK).</p> <p>Dec 2008  IEEE PhotonicsGlobal@Singapore (<a href="http://www.photonicsglobalsingapore.org">www.photonicsglobalsingapore.org</a>)</p>	
11.14	<p><b><u>Magnetics Society Chapter</u></b>  The Chapter Secretary Dr S.N. Piramanayagam represented this Chapter. There was no  report submitted.</p>	
11.15	<p><b><u>Microwave Theory and Techniques / Antennas and Propagation Joint Chapter</u></b>  The Chapter Chair, Dr Chen Zhining represented this Chapter. There was no report  submitted</p>	
11.16	<p><b><u>Nanotechnology Chapter</u></b>  The Vice-Chair Prof Sun Xiaowei represented this Chapter and reported the following:</p> <ol style="list-style-type: none"> <li>1. Conference:  <i>"International Nanoelectronics Conference 2008 @ Shanghai"</i>, 25 - 27 Mar 2008.</li> <li>2. Technical Talk: <ol style="list-style-type: none"> <li>2.1 <i>"Non Invasive 3D Characterization of Nanomaterials to Nanodevices with a Novel Multiscale X-ray CT"</i> by Dr Lau S H (Vice President, Xradia), 01 Feb 2008</li> <li>2.2 <i>"MEMS and Nanotechnology at Imperial College London"</i> by Prof Richard Syms  (Professor &amp; Head of Optical and Semiconductor Devices Research Group, Imperial  College), 11 Jul 2008</li> <li>2.3 <i>"ESD Protection Solutions for Nano CMOS Technology"</i> by Prof Liou (Analog  Devices Chair Professor, University of Central Florida), 03 Sep 2008</li> </ol> </li> <li>3. Chapter Meeting: <ol style="list-style-type: none"> <li>3.1 <i>"IEEE Nanotechnology Chapter Meeting I"</i>, 13 Dec 2007</li> </ol> </li> </ol>	

	3.2 “IEEE Nanotechnology Chapter Meeting II”, 22 May 2008	
11.17	<p><b><u>Oceanic Engineering Chapter</u></b> The Chapter Chair, Prof Pallayil Venugopalan reported as follows:</p> <ul style="list-style-type: none"> <li>- Technical Talk by Dr. Richard Manasseh (CSIRO, Australia) in collaboration with Department of Mechanical Engineering on ‘Bubble Acoustics’ in July 2008</li> <li>- Executive Committee Meeting on 3<sup>rd</sup> September 2008</li> <li>- Workshop on Underwater Acoustics (to be held in Nov’08)</li> <li>- An evening for networking with Marine industry (to be held in Oct’08)</li> </ul>	
11.18	<p><b><u>Power Engineering Chapter</u></b> The Vice-Chair, Prof Mohammed Hamidul Haque presented the following:</p> <p><b>Activities Organized from Jan- August, 2008:</b></p> <p><b>Technical Seminars</b></p> <ol style="list-style-type: none"> <li>1. Electricity Vending System By Mr. Soh Siew Cheong, Energy Market Authority Of Singapore, 18-3-2008</li> <li>2. Development Of Renewable Energy Sources In The Nordic Electricity Market By Prof. Olav Bjarte Fosso, 14-5-2008</li> <li>3. Modeling Of Radio Frequency Electromagnetic Disturbances In Power Line Communication Networks, 25-6-2008</li> <li>4. Unified Power Quality Conditioners: A Model-based Control Via H<sup>∞</sup> Loop-shaping, 25-6-2008</li> <li>5. Alternate Energy Technologies: A Response To Increasing Electric Power Needs By Dr. Saifur Rehman, 27-6-2008</li> <li>6. Overview And An Update On NEMS, By Mr. Henry Gan, 7-7-2008</li> </ol> <p><b>Social Events</b></p> <ol style="list-style-type: none"> <li>1. Social Event for all members – “Develop Your Potential In Golf And Fun Riddles”, 2 Aug 2008 (Co-organized with CAS chapter)</li> <li>2. Dinner For Committee Members and their families, 31 May 2008</li> </ol> <p><b>Support For National Level Student Activities:</b></p> <ol style="list-style-type: none"> <li>1. National Junior Solar Sprint Competition 2008, 3 June 2008 (Co-sponsor)</li> </ol> <p><b>Upcoming Activities For The Next 3 Months:</b></p> <p><b>Student Activities</b></p> <ol style="list-style-type: none"> <li>1. NTU/NUS Post-graduate Student Workshop – Sept 24<sup>th</sup> (Co-organized with IA/PELS chapter)</li> </ol> <p><b>Educational Activities</b></p> <ol style="list-style-type: none"> <li>1. DLP Workshops by Dr Mike Adibi, 15 October</li> <li>2. DLP Workshop by Prof Anjan Bose, 19 November</li> </ol> <p><b>Sponsorship for conferences:</b></p> <ol style="list-style-type: none"> <li>1. Asian Youth Energy Summit 2008, 30-31 October (Co-sponsor)</li> <li>2. International Energy Week, 3-7 November (Strategic partner)</li> </ol> <p><b>Social Activities</b></p> <ol style="list-style-type: none"> <li>1. Chapter Annual Dinner In November 2008</li> </ol> <p><b>Technical Seminars:</b> 2 Planned</p>	
11.19	<p><b><u>Reliability/Components Packaging and Manufacturing Technology/Electron Devices Joint Chapter</u></b> The Chapter Chair, Dr Alastair Trigg gave an update of the activities since the last meeting:</p> <ul style="list-style-type: none"> <li>- Successful completion of the 15th International Symposium on the Physical and Failure Analysis of Integrated Circuits (IPFA 2008) held from 7 to 11 July 2008 at the Grand Copthorne Waterfront Hotel.</li> <li>- Five Technical and DL Talks were organised</li> <li>- Upcoming Activities <ul style="list-style-type: none"> <li>- DL talk: Computational Electronics, in collaboration with IHPC. Date TBD</li> <li>- 1 day Short Course: “NBTI in p-MOSFETs: Characterization, Modeling and Material Dependence”: Prof Souvik Mahapatra (IIT Bombay), 3 October 2008</li> <li>- One day Workshop on “Materials and Processes Innovation for Advanced Microelectronics” November 2008.</li> <li>- 1/2 day workshop on “3-D Integration of ICs – An Introduction” by Dr Tan Chuan Seng NTU, 24 September 2008</li> </ul> </li> <li>- Update on the Electronic Packaging Technology Conference (EPTC 2008) to be held from 9 to 12 December 2008 at the Grand Copthorne Waterfront Hotel.</li> </ul>	
11.20	<p><b><u>Robotics &amp; Automation Chapter</u></b> The Chapter Chair Prof Louis Phee reported the following the following:</p> <ul style="list-style-type: none"> <li>▪ <u>Social</u></li> <li>▪ Membership Drive Event, 2 Aug 2008</li> <li>▪ <u>Technical</u></li> <li>▪ IEEE International Conference on Robotics, Automation &amp; Mechatronics 2008 in Chengdu, China (22-24 Sep 2008)</li> <li>▪ “Robotic Manipulators”, Seminar by Matt Mason, 11 Sep 2008</li> <li>▪ “Adaptive Control for Continuous-Time Systems” by Prof Frank Lewis, 29</li> </ul>	

	<p>Aug 2008</p> <ul style="list-style-type: none"> <li>▪ “Advances in Approximate Reinforcement Learning” by Prof Robert Babuska, 25 Aug 2008</li> </ul>							
11.21	<p><b><u>Signal Processing Chapter</u></b>  The Chapter Chair, Prof Bi Guoan gave a summary of the Chapter’s activities:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1. Chapter meeting</td> <td style="text-align: right;">1</td> </tr> <tr> <td>2. Technical Talk/Seminars</td> <td style="text-align: right;">10</td> </tr> <tr> <td>3. Financially support Healthcom 2008</td> <td></td> </tr> </table>	1. Chapter meeting	1	2. Technical Talk/Seminars	10	3. Financially support Healthcom 2008		
1. Chapter meeting	1							
2. Technical Talk/Seminars	10							
3. Financially support Healthcom 2008								
11.22	<p><b><u>Solid State Circuits</u></b>  This Chapter was not represented and there was no report.</p>							
11.23	<p><b><u>System, Man and Cybernetics Chapter</u></b>  This Chapter was not represented and there was no report.</p>							
11.24	<p><b><u>Vehicular Technology</u></b>  This Chapter was not represented and there was no report.</p>							
11.25	<p><b><u>Graduates of the Last Decade AG</u></b>  This Affinity Group was not represented and there was no report.</p>							
11.26	<p><b><u>Women In Engineering AG</u></b>  a. The Chair, Dr Lekha Chaisorn presented the following:  <u>Talks Organised</u></p> <ul style="list-style-type: none"> <li>- Talk 1: Simplified Fast Motion Estimation: Simplified and Unified Multi-Hexagon Search (SUMH) with Context Adaptive Lagrange Multiplier (CALM)</li> <li>- Talk 2: “Work smarter! Not harder!” - How to be “Successful” in Your Engineering Research Career?</li> <li>- Speaker: Prof. Nam Ling, IEEE Fellow, Santa Clara University, USA (these 2 talks are Co-sponsored by IEEE CAS Society &amp; Distinguish Lecture Program)</li> <li>- Talk 3: “EventWeb: The next evolutionary stage in WWW”</li> <li>- Speaker: Professor Ramesh Jain Department of Computer Science University of California, Irvine, USA.</li> </ul> <p><u>Proposed Plans and Activities:</u>  3rd Oct 2008 - Social talks: To organize/co-organize with other chapter of IEEE SG a social talk</p> <ul style="list-style-type: none"> <li>- Proposing 2 talks (one has confirmed - former CEO of Polo Ralph Lauren)</li> </ul> <p>8 Nov 2008 - WIE &amp; IEEE SG chapters Family day: (budget ~\$600)</p> <ul style="list-style-type: none"> <li>- For IEEE family to get to know each other</li> <li>- To invite rep from each chapter.</li> <li>- BBQ and games for kids (target ~ 40 PAX)</li> <li>- Venue: (tentative) Anchorage - 4pm</li> </ul> <p>8-9 Dec 2008 “In corporation with” ACM SIGGRAPH to organize VRCAI 2008 conference to be held in Singapore 8-9 Dec 2008.</p> <p>Jan 2009 - Networking event with Woman Associations in Singapore</p> <p>b. Budget – Dr Chaisorn requested for more budget to run the Group’s events. Chairman advised her to submit the proposal to the Executive Committee for consideration.</p>							
12)	<p><b><u>ANY OTHER BUSINESS</u></b></p>							
12.1	<p><b><u>ICSET 2008 - Resolution for Mail Order Agreement with DBS Bank</u></b></p>							
a.	<p>A resolution was passed for the signing of the Mail Order Agreement with the DBS Bank to collect registration fee for ICSET 2008 via credit card.</p>							
b.	<p>All monies collected would be credited via GIRO directly to the IEEE ICSET 2008 bank account with the OCBC Bank. The DBS Bank would charge a commission of 3% for all transactions.</p>							
c.	<p>The Agreement would be signed by the Chairman and the Treasurer as the authorized signatories of the IEEE Singapore Section bank account.</p>							
12.2	<p><b><u>AGM</u></b>  After some discussions, it was confirmed that the door gift for the AGM would be about S\$40 each. The AGM Committee would look for an alternative hotel from the previous AGMs.</p>							

There being no other business, the meeting concluded at 9:15pm.

Minutes prepared by: Jasmine Leong

Vetted by: Dr Rajnish Gupta

Approved by: Prof Lalit K Goel