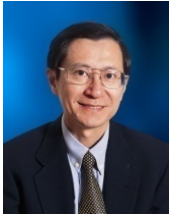


R10 Director's Message



The last quarter has been an eventful one ranging from the devastating Hurricane Sandy rampaging through the US north-east to a number of activities within the region and beyond. First, we would like to lend our support and encouragement to our members, staff and volunteers who have been severely affected by Hurricane Sandy. Indeed, the scale of destruction and adversity of Sandy caused much hardships in lost homes, and significant inconveniences from loss of electrical power to flooded neighbourhoods. We extend our prayers and support to those affected and that there will quick recover to normalcy.

Among the highlights of the past few months are:

- The winners of the IEEEExtreme 6.0 results were announced on 20 November with the top winner being Team DongskarPedongi (Institut Teknologi Bandung, Indonesia). Three other teams from Region 10 were in the top 10, including Team Meeyo (University of Moratuwa, SL) in 3rd place, Team Engineer3 (University of Auckland, NZ) in 8th position and Team Selachimorpha (University of Moratuwa, SL) in 9th position. Congratulations.
- We would like to congratulate the following MGA award winners:
 - **MGA Leadership Award**
 - Darwin Jose Raju
 - Anil Kumar Roy
 - Ramalatha Marimuthu
 - **MGA Achievement Award**
 - Debabrata Das
 - **MGA GOLD Achievement Award**
 - Jaison Abey Sabu
 - Ranjit Nair
 - Barnabas Muthu
 - Mithun Bhaskar
- IEEE Election Voting Statistics

This year, we see a healthy improvement in the voting rate of the IEEE elections. Overall, R10 saw an average of 16.98% of our members voting in the elections. This compares favourably against 15.28% for the whole of IEEE, and coming behind Region 9 at 21.63% and Region 8 at 18.83%. I am pleased to announce the top three Sections with the highest voting rates are:

- 1st - Seoul Section at 41.94%
- 2nd - Taegu Section at 34.08%
- 3rd - Changwon Section at 29.95%

Congratulations to these three Sections which will be receiving their R10 Voting Incentive Awards.

- 2012 IEEE Region 10 Conference (TENCON)

The IEEE Philippine Section successfully concluded TENCON 2012 which was held on 19 - 22 November in

In this Issue.....

R10 Director's Message

IEEE Elections 2012 Results

IEEE R10 News & Highlights

- R10 Delegate/Director 2013 - 2014
- 2012 R10 Outstanding Volunteer Award
- 2012 R10 WIE Volunteer Award
- 2012 - MMI & MIMI Awards
- Recipients of 2012 MGA Awards from Region 10
- Editorial
- Brief Reports on R10 Activities in 2012
- South East Asia Conference Organisers Leadership Workshop

• Tributes to R10 Director 2011-2012

IEEE HQ News & Highlights

- IEEE Fellows Elevated in R10 as of January 2013

IEEE R10 Councils & Sections - News & Highlights

- IEEE Kolkata Section
- IEEE Western Australia Section
- IEEE NSW Section
- IEEE Queensland Section

IEEE R10 WIE News & Highlights

- WIE BMSCE-IEEE SB, India
- WIE IIT Kharagpur, WIE Nirma University, India

IEEE R10 Student Branches - News and Highlights

- All India Student Congress 2012, Bangalore
- Pakistan Student/GOLD/WIE Congress 2012
- International Robotics Challenge, IEEE BUET SB
- Indian National Science Day, IEEE CU SB
- IEEEExtreme Competition Results
- IEEE RUET Student/GOLD Congress
- IEEE SB Vaagdevi College of Engineering, India,
- Delhi Section SAC – Student Congress 2012
- IEEE Student Branch DAICT, India – Summer School

Upcoming IEEE Conferences in Region 10

Cebu City, Philippines. The technical program included 2 tutorial sessions and more than 200 papers presented. Included within the program for the first time were special tracks on Women In Engineering (WIE) and Engineering Projects in Community Service (EPICS).

- IEEE Region 10 Membership Development Webcast

The webcast was held on 29 October with 6 presentations that included MD updates and strategies from HB Kang (R10 MD Chair), F Su (IEEE Asia-Pacific Office Manager), A Kurian (R10 Student Representative) and Section MD presentations from J Reddypogy (Hyderabad Section), H Fan (Shanghai Section) and P Shum (Singapore Section).

- Women In Engineering Activities

This year, R10 WIE launched a project to promote the formation of new R10 WIE Affinity Groups (AGs). So far,

the number of newly created Section WIE AGs and newly created Student Branch WIE AGs are 25 and 3 respectively (as of Sep. 2012). R10 WIE also had an open call to support deserving projects. A total of 40 proposals from 29 WIE AGs were received, and as a result, 33 proposals were selected for R10 support.

- South East Asia Conference Organizers Leadership Workshop

This workshop is the first of its kind in R10 with the aim to bring together IEEE volunteers involved in conference organizing and to provide a forum to learn and share experiences that would lead to quality IEEE conferences in the region. Some 30 participants from Malaysia, Indonesia, Thailand, Singapore and The Philippines participated in the workshop. Representatives from IEEE Conference Services, namely Susan Root, Julie Amodeo, and Kevin Hanft presented various perspectives and issues on conference organization. We hope to see more of such sub-regional workshop given the fact that there are growing number of conferences in R10.

- R10 Distinguished Lecture Program (DLP)

The R10 DLP was launched with distinguished lectures by Prof Yamamoto of Waseda University speaking at Queensland and NSW Sections in October, and Prof Sankar K. Pal from the Indian Statistical Institute speaking at Bangladesh Section in November.

- R10 Membership

On the membership front, R10 continues to grow steadily with a year on year September growth of 9.8% with a total of 97,983 members compared to 89,238 a year ago.

We would also like to congratulate our class of IEEE Fellows 2013 who hail from R10. We also congratulate the various 2012 IEEE award winners for their excellent contributions to the profession.

As 2012 comes to an end, I would like to extend my thanks to colleagues in the IEEE Region 10 Executive Committee and to the many IEEE volunteers and staff that have helped us in one way or other, without which our job would have been so much harder. I hope that in our tenure of these past two years, we have made a difference and brought about changes and launched new initiatives that have brought greater value for members in Region 10, either directly or indirectly through the organizational units that you reside in. R10 will continue to grow in strength and vibrancy and the need for more volunteers coming forward to contribute to this journey will be unending. In closing, I wish all members, colleagues, and staff a happy holiday season.

Lawrence W. C. Wong

IEEE Region 10 Director 2011-2012

IEEE Contact & Support

The [IEEE Contact & Support website](#) provides specific help and contact information for all customer and member needs. The [IEEE Support Center site](#) is a one-stop shop for self-service help and support.

Visit the IEEE Support Center to: Browse the knowledgebase for answers to frequently asked questions; search for information or submit a question.

IEEE members only: Chat with an agent or [request an Auto Callback](#).

IEEE ELECTION 2012 RESULTS

The voting membership of the IEEE annually elects officers that serve on the top-tier IEEE governing bodies. Below are the unofficial results of the 2012 Annual Election for the posts of the IEEE President-Elect 2013 and the Region 10 Director-Elect 2013-14.

IEEE President-Elect 2013



J. Roberto B. de Marca and Tariq Durrani were nominated by IEEE Board of Directors as candidate for the position of IEEE President-Elect 2013. Professor de Marca was the successful candidate. The voting results are:

Roberto de Marca 23,229 votes

Tariq S. Durrani 22,194 votes

Congratulations Prof. Roberto de Marca!

Region 10 Director-Elect 2013-14

This time there were three candidates for R10 Director-Elect 2013-14: Prof. Kukjin Chun and Mr. Ramakrishna Kappagantu, nominated by IEEE Region 10 and Nim K. Cheung, nominated by petition. Ramakrishna Kappagantu received the highest number of votes and thus elected as the Region 10 Director-Elect for 2013-14.



Region 10 Votes

Nim K. Cheung 2,634

Kukjin Chun 3,121

Ramakrishna Kappagantu 4,064

Congratulations Ramakrishna!



IEEE R10 News and Highlights

The Incoming Director of R10



Professor Toshio Fukuda will be the IEEE Region 10 Delegate/Director for 2013 - 2014. He is the Director of Center for Micro-Nano Mechatronics, Dept. of Micro-Nano Systems Engineering, Nagoya University, Japan.

Prof. Fukuda has been active in IEEE technical and regional activities for many years. In 1988, he started the Conference

on Intelligent Robots and Systems in Tokyo and served as founding General Chair, which has grown as one of the most important robotics conferences in the world. He has also founded several other conferences in Region 10, such as Micro-Nano Mechatronics and Human Science (1990), Robot and Human Interactive Communication Workshop (1992), Intelligent Robots and Social Impacts Workshop (2005), Systems Integration Workshop (2008).

In 1992 Prof. Fukuda formed the Chapter of Robotics and Automation in Japan to enhance regional activities as well as technical activities which included student activities. He was instrumental in launching the IEEE Transactions on Mechatronics in 1996 and became its Editor-in-Chief in 2000-2002.

In 1998 - 1999 Prof. Fukuda became the first non-US President of the Robotics and Automation Society and initiated more regional activities in the Society and promoted the globalization of the Society. He also founded the Nanotechnology Council in 2002 and served as founding President, after the TAB technical committee activities in 1998-2001, by inviting non-members to join this community. As Division Director in 2001-2002, he promoted more globalization in the IEEE communities.

Since 2009 as a member of the R10 EXCOM Prof. Fukuda has been fostering intra-regional and global activities by promoting Technical Seminars, Distinguished Lecture and other programs.

2012 R10 Outstanding Volunteer Award Winners

It is my pleasure to announce the winners of the 2012 R10 Outstanding Volunteer Award.

We received six nominations and selected the following three members as the recipients of this award after the review by the R10 Awards & Recognition Committee:

MGPL Narayana (Hyderabad Section, India)

Trevor S Bird (New South Wales Section, Australia)

Kohei Habara (Tokyo Section, Japan)

Congratulations to the award winners for their excellent works and contributions!!

MGPL Narayana will be invited to attend the 2013 R10 Annual Meeting where a certificate for this award will be presented. Award certificates for Trevor S Bird and Kohei Habara will be presented to the representative of the Section

of the recipient at the same meeting for further presentation to each recipient at an appropriate event of the Section.

We would like to thank R10 Sections for their interest and nominations for this award.

We appreciate the works and contributions of all nominees, although we could select only limited number of them as the award recipients.

Takatoshi Minami

2011-12 IEEE R10 Awards & Recognition Committee Chair

2012 IEEE R10 WIE Volunteer Award Winners

R10 WIE Volunteer Award has been established to recognize individuals who have exhibited exemplary and substantive leadership of an extraordinary nature in implementing activities which support the visions of R10 WIE at the local, regional, national, and/or international level. This year, the R10 WIE Committee received nine nominations, and after careful consideration, the Committee has selected the following WIE members as the winners of 2012 IEEE R10 WIE Volunteer Award.

1st place - Ms. Mehvish Zahoor (Lahore Section)

2nd place - Ms. Rabia Khalid (Karachi Section)

3rd place - Dr. Guo Huaqun (Singapore Section)

Ms. Mehvish Zahoor is the founder for the Pakistan WIE Forum, and Ms. Rabia Khalid is sustaining the WIE activities in Pakistan. They demonstrated strong leadership for promoting outstanding and innovative activities for the Pakistan WIE Forum and SB WIE AG. Their dedicated performances are really respectable.

Dr. Guo Huaqun is a very smart leader for promoting various WIE activities in Singapore Section. She has made clear WIE members' and female students' requirements, and deployed energetic projects.

Congratulations on your achievements, Ms. Mehvish Zahoor, Ms. Rabia Khalid and Dr. Guo Huaqun!!

Takako Hashimoto

IEEE R10 WIE Coordinator

2012 - MMI & MIMI Awards

At the beginning of 2012, IEEE Region 10 Industry Relations Committee announced 4 awards i.e. (1) MMI Award (2) MIMI Award (3) Historical Achievement Award and (4) Academia-Industry Partnership Award.

Out of the four above first two awards are to encourage Sections to recruit more members from Industry & organize activities to attract new members from Industry to join IEEE. These 2 awards are decided based on 2012 members from Industry. There are no shortcuts to count members from Industry & segregation from total list is a very cumbersome process.

I am pleased to inform that segregation of members from Industry & Academia for 2012 is completed & first 2 awards are finalized.

Most Members from Industry (MMI) Award

The MMI Award is basically designed to encourage large Sections where membership runs in several thousand like Tokyo, Bangalore, and Hong Kong etc. This year Seoul Section, Korea gets the MMI Award for recruiting 592

members from Industry as compared to 2011, which was highest in Region 10.

Most Increasing Members from Industry (MIMI) Award

The MIMI award gives a chance to smaller Sections to participate whose membership is small & runs in hundreds like Changwon, Indonesia, Kharagpur etc. This award is decided based on percentage increase in members from Industry instead of absolute numbers. This year **Sapporo Section**, Japan gets the award for recruiting 615% members from Industry as compared to 2011, highest increase among all members from Region 10.

Congratulations to both Seoul Section (Korea) & Sapporo Section (Japan).

Rajendra K. Asthana

2011-12 IEEE R10 Industry Relations Committee Chair

Recipients of 2012 MGA Awards from Region 10

The recipients of IEEE MGA Awards for 2012 include many R10 volunteers. These award winners are:

2012 MGA Leadership Award

Ramalatha Marimuthu, Madras Section

For inspiring leadership in transforming young engineers into socially responsible professionals and encouraging innovative IEEE Student Branch and Women in Engineering humanitarian activities across the Region.

Darwin Jose Raju, Madras Section

For influential leadership and commitment to member engagement and promoting IEEE and Women in Engineering among young engineering professionals.

Anil Kumar Roy, Gujarat Section

For distinguished leadership and making outstanding contributions as a volunteer serving IEEE for the benefit of its members and the engineering profession.

2012 MGA Achievement Award

Debabrata Das, Bangalore Section

For excellent and relentless pursuit of IEEE goals by enhancing relationships with industry, organizing conferences, and promoting student activities within the Section, Council, and Region.

2012 MGA GOLD Achievement Award

Mithun Bhaskar, Hyderabad Section

For consistent and commendable efforts to improve young professional and student participation in IEEE Chapter activities in India.

Barnabas Muthu, Madras Section

For continuous efforts and excellent leadership in substantially increasing member retention and transition through organizing IEEE STEP programs and collaborative GOLD events.

Ranjit Nair, Kerala Section

For exemplary contributions to IEEE GOLD in Region 10 and for bridging generations through GOLD activities.

Jaison Abey Sabu, Kerala Section

For outstanding leadership and achievements in engaging, guiding, and motivating IEEE GOLD members and students across India and Region 10.

Out of 16 MGA Award recipients this year, it is very heartening to see 8 are from R10. I would like to thank to R10 Sections for their active participation and having submitted many nominations.

Congratulations to the winners!!

Takatoshi Minami

2011-2012 IEEE R10 Awards & Recognition Committee Chair

Editorial

Thank You My Friends!

Dear IEEE Members,

As the editor of the IEEE Region 10 Newsletter this is my twenty fourth and last edition of the newsletter. Over the last six years every issue of the R10 Newsletter was published on time with lots of news and stories from all over the Region 10. Besides the regular issues, several special supplements on R10 History and Student Congresses were also published to record and capture the history of the IEEE in the region as it happens.

I prepared each issue of the IEEE R10 Newsletter with a passion to provide the IEEE members an informative and interesting newsletter, which I would have not been able to do without your solid support. It has been your contributions of fabulous reports and news articles that have helped the R10 Newsletter to be so well established now. Over the last two years the newsletter is not only published without any cost to R10 but it has also started to bring in some revenue through the advertisements! With this success I am also acutely aware of the shortcomings of the newsletter and take full responsibility for my failures. However I have no regrets as my failures were not without attempts to overcome them. The good news is that the R10 Newsletter will be in much more capable and competent hands. I am confident the new editor will bring out the R10 Newsletter with a fresh and more innovative approach. I trust you will continue to shore up the new editor with even a stronger support.

I would like to take this opportunity to acknowledge the backing of my colleagues. First of all I would like to say thank you to Professor Janina Mazierska whose continuing appreciations of my work kept me motivated. Professor Mazierska with her inspirational character has touched so many IEEE volunteers and has influenced the IEEE and R10 in so many ways. I have been very fortunate to have her guidance at every step of my volunteer work at R10. I am also grateful to my R10 EXCOM colleagues, especially Deepak Mathur, Takatoshi Minami, Mini Thomas, Helene Fung (now IEEE staff), YJ Park, Takako Hashimoto, Ramalatha Marimuthu and Om Perakash for their support to the R10 Newsletter.

Last but not the least; I would like to acknowledge the tremendous support from Fanny Su and Ewell Tan from the IEEE Asia Pacific Regional Headquarters, Singapore. Fanny, you were always there to help me out whenever I needed it. I don't know how I would have done my job without your help - thanks a lot!

With best regards to all,

Zia Ahmed

Editor (2007 – 2012), The IEEE Region Ten Newsletter

BRIEF REPORTS ON R10 ACTIVITIES IN 2012

In 2012 the R10 Executive Committee coordinated a vast range of activities for the benefit of its members and to promote IEEE in the Region. Brief reports on some of these activities are given below. Please note that it does not cover the whole range of R10 coordinated activities as reports are still awaited from various other coordinators.

IEEE R10 Section/Subsection Elevation Committee

The Section/Subsection Elevation Committee (SEC) reviewed 24 petitions for formation of Chapters in Region 10 and approved 20 of them. These petitions included 8 transferred from the year 2011 whereas 16 were new petitions submitted this year.

The number of Chapters formed are: 12 in India, 5 in China, 2 in Australia, and one each in Japan, Singapore, Malaysia and Sri Lanka. Three of the petitions for these Chapter were lodged in 2011. All the petitions were filed with 12 or more IEEE members, but two petitions were not approved for the Chapter formation and two are still being processed. The SEC follows guidelines set up by IEEE Headquarter on Geo unit formation and reconfirms the petition with parent Section Chair again. The petitioner should consult with the parent Section and get the approval before filing the petition.

Kukjin Chun (Vice-Chair of Membership Activities)

R10 Awards & Recognition Committee (ARC) Activities

Main missions of the R10 ARC in 2012 were as follows:

- To administer the following R10 Awards & Recognition Programs:
 - 2011 R10 Distinguished Large/Small Section Awards
 - 2012 R10 Outstanding Volunteer Award
- To represent R10 in the MGA Awards & Recognition Committee (R10 ARC Chair is a correspondence member of the committee)
- To promote awards nominations from R10 for the MGA and other HQ awards
- To coordinate the R10 awards & recognition activities.

Details of the R10 ARC and its administered R10 Awards are described in the Section 5.7 of the R10 Operations Manual. Main results of the 2012 R10 ARC activities are as follows:

1. Administration of R10 Awards & Recognition Programs:

2011 R10 Distinguished Large/Small Section Awards

The selection was made based on the review of the 2011 Section Reports. The R10 ARC reviewed all the 2011 Section Reports submitted, and selected the following Sections as the winners:

- 2011 R10 Distinguished Large Section Award: Hyderabad Section
- 2011 R10 Distinguished Small Section Award: Hiroshima Section

Award Certificate and US\$1,000 will be presented to the winning Sections. Award Certificate will be presented at the 2013 R10 Annual Meet to be held early next year and US\$1,000 will be sent to both sections after the meeting.

2012 R10 Outstanding Volunteer Award

Call for Nominations for this award was issued at the end of August. The results of this award are reported in the "R10 News and Highlights" section of this newsletter on page 3.

2. Support of MGA Awards & Recognition Activities:

In 2012, MGA ARC set up a subcommittee to review and improve the MGA Award Description/Criteria. The R10 ARC Chair joined the subcommittee and attended three teleconferences held in May, June and August. As a result, the MGA Awards and Recognition Program Manual was reviewed and updated.

Nominations for the 2012 MGA Awards were strongly encouraged and as a result, R10 had many nominations and winners which are also reported in the "R10 News and Highlights" section of this newsletter on page 4.

Takatoshi Minami, Chair of 2011-12 IEEE R10 Awards & Recognition Committee would like to take this opportunity to thank R10 Sections for their strong interest and active participation in various nominations this year for not only R10 level but also MGA and other HQ levels. He also expresses his thanks to the members of 2011-2012 R10 ARC for their hard work and a lot of fruitful and constructive discussions.

Takatoshi Minami (Chair, 2011-2012 IEEE R10 ARC)

R10 Membership Development and Life Member Activities

R10 Section MD Chair Networking - R10 Director, R10 MD Chair and Section MD Chairs had Webcast meeting on 29 Oct. 2012. Prof. Lawrence Wong, R10 Director gave a welcome address and Prof. Kang, R10 MD Chair explained the R10 MD strategy. Three speakers from Section MD Chairs (Shanghai, Hyderabad and Singapore Section MDs) also talked about their local MD strategies.

Develop Local MD Strategy - Out of 57 Sections, 21 Sections had workshops to build their own local MD strategy plans, which have been posted on R10 website.

Publicity IEEE Membership Benefits - R10 IEEE Membership event was held during TENCON 2012. R10 IEEE membership booth displayed various brochures about IEEE membership benefits and the membership publicity session attracted more than 40 students. Director-elect Prof. Toshio Fukuda, R10 MD Chair Hang-Bong Kang, Philippines Section MD Chair Erwin Daculan explained the benefits of IEEE membership and the status of IEEE members.

Life Member Affinity Group Activities - As the Life Member Affinity Group Activities, R10 supported Bombay Section LMAG for organising a meeting with Capt. Shastri about "Evolution of Merchant Navy in India". About 16 IEEE Life Members, some with spouses, attended the meeting resulting in about 24 guests at the event, which was followed by the lunch.

Hang-Bong Kang, R10 MD Chair

Region 10 GOLD.

GOLD Clustering Program - The concept of clustering GOLD Affinity Groups in R10 was first conceived in 2008, initially from a suggestion by the Hong Kong GOLD Affinity Group. Since then, R10 GOLD has developed a framework and infrastructure to realise this concept.

Essentially, clustering splits up GOLD Affinity groups into further groups, called Clusters to take advantage of common geopolitical, socioeconomic circumstances to increase the power of collaboration. In 2011, three clustering coordinators were appointed to overlook three main areas: Australia/New Zealand, Noel Gomes; South Asia, Rayees Nishad; and South East Asia, LF Yeung.

Since the inception of clusters, there has been an increased amount of activity and collaboration among many GOLD AGs. The GOLD clustering leadership also serves as a platform to provide training opportunities for the next potential R10 GOLD Coordinator. A good example of a success story of this initiative lies with Rayees Nishad who has recently been appointed R10 2013-2014 GOLD Coordinator. I would like to congratulate Rayees and wish him all the best for the future.

In December, the South Asia cluster GOLD Officers Meet is being held in Kerala, India. The aims of this meet include: (a) Provide training activities for GOLD Affinity Group Chairs (b) Develop a strategy for South Asia GOLD and (c) Provide networking opportunities between GOLD Affinity Group Chairs and further opportunities for collaboration. Similar more meets are in planning in R10 GOLD.

MGA GOLD Awards - I am pleased to mention R10 GOLD continues to outperform other Regions in the MGA GOLD Individual and Group awards categories. This year, two GOLD Affinity Groups in R10, namely, Kerala GOLD and New Zealand North GOLD Affinity Groups were recipients of the MGA IEEE GOLD Hall of Fame Award. The other recipient of this award was the Egypt GOLD Affinity Group in Region 8. The IEEE MGA GOLD Hall of Fame Award recognises outstanding GOLD Affinity groups from around the world. There are three awards issued annually.

GOLD groups in R10 have also performed very well and won R10 GOLD Awards.

Each year since 2006, R10 recognizes individuals who made outstanding achievement in GOLD projects or activities which fulfils the Region's goals and/or objectives. The R10 GOLD award is designed to recognize those substantive projects or achievement of a relatively short nature (one to three years) that have left an undeniable imprint on the fabric of GOLD operations within R10. This year we received three nominations for the R10 GOLD individual achievement award. An announcement of the winner is due to be made shortly.

In addition, I am pleased to announce that the entries for the 2012 Region 10 GOLD Affinity Group Award will open in late December/early January. The timing will allow entrants to include all 2012 events as part of their application.

R10 GOLD Website - The Region 10 IEEE GOLD website (www.r10ieeegold.org) was launched this year to serve as a resource for both GOLD members and volunteers. The site has been organised with a news section to keep members up to date with the latest events and achievements in Region 10 GOLD as well as to provide volunteer guides and resources to help deliver benefits to IEEE GOLD members.

Other updates and acknowledgements - R10 formed two new GOLD AGs in 2012 including Tainan and Taipei GOLD. I would like to wish the leaders of these newly formed groups all the best and pledge the support of Region 10 GOLD.

I would like to take this opportunity to thank R10 GOLD volunteers, IEEE members and staff for their invaluable help in making R10 GOLD a success. In particular I would like to recognise the efforts of our GOLD clustering Coordinators, Noel Gomes, LF Yeung and Rayees Nishad. The foundations of R10 GOLD would not have been possible without the work of my predecessor, Helene Fung. It takes more than just plain volunteering to achieve great results, we are fortunate to have passionate and dedicated volunteers that are committed to making IEEE and the world a better place. All the best for 2013.

Timothy Wong, Region 10 GOLD Coordinator
.....

R10 Educational Activities in 2012

Major activities initiated by Region 10 EAC are as follows.

EAC Support Fund - In 2012, there were 15 educational activities projects, listed below, that were awarded EAC Support Fund. Total support made available in 2012 was USD 4,500. The projects were from 6 countries and 9 Sections focused on accreditation, TISP, educational outreach/professional development and technical symposium/workshop. It is expected that all these projects will be completed by December 2012. The projects selected for funding were:

1. **IEEE Indonesia Section, Indonesia**
Activity Type/Name: Accreditation; "The Role of Technical Standards in the Curriculum of Academic Programs in Engineering, Technology and Computing"
2. **IEEE Pune Section, India**
Activity Type/Name: Continuing Education; "3D of Research (Methodology, Applications, and Patents)"
3. **SJCET Pala-GOLD, IEEE Kerala Section, India**
Activity Type/Name: Continuing Education/Professional Development; "Continuing Education Congress 2"
4. **Gujarat Section, India**
Activity Type/Name: Continuing Education/Professional Development; "iFest 2012"
5. **GOLD Affinity Group, IEEE Kolkata Section, India**
Activity Type/Name: Continuing Education/Professional Development; "Recent Advances in Computer Vision and its Applications"
6. **IEEE Western Australia Section, Australia**
Activity Type/Name: Continuing Education/Professional Development; "IEEE WA Three Minutes Thesis Competition"
7. **IEEE Kerala - Kochi Subsection, India**
Activity Type/Name: Educational Outreach, "Educational Outreach Program on Safe and Secure Usage of Web Resources for Socially and Economically Disadvantaged Girl Students"
8. **IEEE Malaysia Section, Malaysia**
Activity Type/Name: Educational Outreach; "Pre-University Outreach Session"
9. **Kerala - GOLD, IEEE Kerala Section, India**
Activity Type/Name: TISP; "TISP Week 2012"
10. **IEEE Hyderabad Section, Hyderabad, India**
Activity Type/Name: TISP; "Practical Lessons to Encourage Creativity and Innovation of Grade 10-12 Students"

11. IEEE Madras Section, Madras, India

Activity Type/Name: TISP; Event Name: Teachers In-Service Program

12. Kerala - GOLD, IEEE Kerala Section, India

Activity Type/Name: Workshop; "Industry Academia Confluence"

13. GOLD, IEEE Bangladesh Section, Bangladesh

Activity Type/Name: Workshop; "Workshop on Microcontroller-based System Design for Professional Development"

14. IEEE Madras Section, Madras, India

Activity Type/Name: Workshop; "Smart Grid"

15. IEEE Seoul Section, South Korea

Activity Type/Name: Workshop, "Adults Contents Monitoring and Filtering Technology for Juvenile."

IEEE R10 EAC has created Facebook group page called IEEE Region 10 Educational Activities for information distribution such as current activities, awards, call for proposals announcement and also as a venue for members to discuss and exchange ideas. Members can access the group page at:

<http://www.facebook.com/IEEE.R10.EA>



To promote the awareness of educational activities in R10, IEEE Region 10 has encourage Sections to appoint dedicated Section EA Chairs to oversee, plan, and act as a focal point of contact between R10 and Section as well as between Section and members. With the help from EAB SEOC, the current number of Sections in R10 that has dedicated EA Chairs is 31 while the number of Sections without dedicated EA Chairs is 27. IEEE Region 10 EAC shall continue to encourage more Sections to appoint dedicated EA chair.

To provide the venue to sharing information and discussions among R10 EA committees and Section EA Chairs, the following meeting and webinar were conducted:

- R10 EA Committees face to face meeting at R10 MEET in Calcutta India (March 5, 2012)
- IEEE EPICS panel sessions & R10 EAC Chair meeting at R10 Technical Conference (TENCON) on 20 November 2012 at Cebu, Philippines
- IEEE EAB SEOC organized webinar for Section Chairs on:
 - 1st Standards Education 28 September 2012
 - 2nd IEEE EAB Awards and Recognition 18 Oct 2012

Supavadee Aramvith

R10 Educational Activities Coordinator (2011-2012)

R10 Women In Engineering Activities

R10 WIE continued to promote women's participation in science and engineering in Region 10. This year R10 WIE launched new initiatives for forming new R10 WIE Affinity Groups. To encourage WIE volunteers' activities, this year again R10 provided various funds and awards. To enhance women engineers' technological career development, R10 WIE organized WIE track at the TENCON2012 and gave the WIE Best Paper Award for technical papers submitted to TENCON. In addition, as the flagship event, this year, we supported the WIE Congress held at Sri Vishnu Engineering College for Women, Hyderabad, India. Some of the R10 WIE main activities in 2012 are outlined below.

Initiatives for Forming New R10 WIE AGs - The aim of this project is to promote formation of new R10 WIE AGs by increasing the membership. In R10, the retention rate of WIE student members and the retention rate of WIE GOLD members are around 31% and 71% respectively. These rates are higher compared with the student/GOLD members' retention rates in R10 (around 20% and 51%). It seems increasing WIE student members is beneficial for improving the overall retention rates in R10. This year, R10 WIE set the goal to form 8 Section WIE AGs and 50 Student Branch WIE AGs. So far, the number of newly created Section WIE AGs and newly created Student Branch WIE AGs are 3 and 24 respectively (as of Sep. 2012).

R10 WIE Support Funds - To encourage WIE members and future recruitment, R10 WIE supported the following activities:

- PROGRESS (PROmote Gender Equal Societies in Science) to survey the current gender-equality status in R10 and support women and young people in rural societies,
- Conferences, WIE Congress/Forum, and
- STAR (Student-Teacher and Research Engineer/Scientist) Mentoring program

The calls for proposals were sent in May. We've received 40 proposals from 29 WIE affinity groups of various Student Branches and Sections. After careful consideration by R10 WIE committee, 33 activities were selected on the basis of viability of the project and the benefit to members. For example, BMSCE-WIE Affinity Group, Bangalore Section promoted a valuable congress to disseminate technical knowledge to the WIE members and give them enough confidence to continue their carrier. The Kerala Section WIE Affinity Group conducted the workshop for providing computer literacy to the housewives and STAR program for enlightening the school children through the teachers and also making them aware of the IEEE WIE and its objectives. The Kharagpur Section WIE Affinity Group conducted the seminar to encourage women to choose engineering as a major and inspire them to remain in the field after graduation. The Delhi Section WIE Affinity Group organized lectures and workshops for girl students explaining science behind the regular day to day activities. Besides these activities, many more excellent activities were conducted by different WIE Affinity Groups across R10. As R10 WIE projects are gradually completed, reports are submitted for publication in R10 Newsletter and other WIE publications. The remaining R10 WIE funded projects are currently making progress towards completion soon.

R10 WIE Awards - This year R10 WIE established three types of awards, the 2011 IEEE Region 10 Section WIE Affinity Group of The Year Award, the 2011 IEEE Region 10 Student Branch WIE Affinity Group of The Year Award, and the 2012 IEEE R10 WIE Volunteer Award.

The aim of the IEEE Region 10 Section/Student Branch WIE Affinity Group of The Year Award is to recognize outstanding activities organized by the volunteers in Student Branches and Sections. Out of the nominations received R10 WIE selected the Delhi Section WIE as the winner of the 2011 R10 WIE Section Affinity Group of The Year Award, and the Student Branch WIE at the Institute of Technology, Nirma University, Gujarat Section as the winner of the 2011 R10 WIE Student Branch Affinity Group of The Year Award. The two awards winners have conducted successful activities to create platforms for the young women, both engineering students and professionals, to discuss and disseminate information on various topics of interest.

R10 WIE Volunteer Award has been established to recognize individuals who have exhibited exemplary and substantive leadership of an extraordinary nature in implementing activities which support the visions of R10 WIE at the local, regional, national, and/or international levels. For this award, 9 nominations were received and R10 WIE Award Committee selected Ms. Mehvish Zahoor (Lahore Section, 1st place), Ms. Rabia Khalid (Karachi Section, 2nd place) and Dr. Guo Huaqun (Singapore Section, 3rd place). They demonstrated strong leadership for promoting outstanding and innovative WIE activities in R10

Congratulations on your achievements, the Delhi Section WIE, the Student Branch WIE at the Institute of Technology, Nirma University, Gujarat Section, Ms. Mehvish Zahoor, Ms. Rabia Khalid and Dr. Guo Huaqun!!

TENCON2012 WIE Special Track and WIE Best Paper Award

To encourage women engineers, R10 WIE organized the WIE Special track in TENCON2012 (Nov. 19-22) which is the flagship conference in R10 and gave the Best Paper Award in collaboration with Philippines Section. For the WIE Special Track, we invited Dr. Pag-Asa Gaspillo, Professor of Chemical Engineering and formerly the Dean of the Gokongwei College of Engineering, De La Salle University Manila to give a talk. Her talk was about her career development and her dedicated work for fostering

young students, which was quite impressive and inspiring. Later at a panel discussion Prof. Basabi Chakraborty (India/Japan), Prof. Supavadee Aravmith (Thailand), Dr. Celia Shahnaz (Bangladesh) and Prof. Takako Hashimoto (Japan) shared their experiences and thoughts with the participants. The panel discussion ascertained that the challenges for female students and professional to make their dreams come true are significant. After the WIE Special Track, there were three nice presentations related to gender-equality survey and women engineering.

The WIE Best Paper award has targeted the papers received for "all technical tracks" (not only the WIE track), which have 50% and more participation of women including the first author of the article. Following papers were selected as the winners:

- Jo Ann P. Ranola, Allan C. Nerves and Rowaldo D. del Mundo, "*An Optimal Renewable Portfolio Standard Using Genetic Algorithm – Benders' Decomposition Method in a Least Cost Approach*"
- Takako YAMADA and Kazumasa TAKAMI, "*Configuration of the System for a Fashion Coordination Service Based on Clothes Life Logs*"

WIE Congress at Sri Vishnu Engineering College for Women, India

R10 WIE supported the Women in Engineering Congress (WIECON'12, from March 5th – 7th 2012) which was held in Sri Vishnu Engineering College for Women, Hyderabad Section. The main theme of the congress was "Aptitudes, Attitudes and Altitudes: A call for change". The Congress attracted 607 participants (WIE students / members) from India, Sri Lanka and Bangladesh. At the congress, Dr. Lawrence Wong (IEEE R10 Director), Dr. Atul Negi (IEEE Hyderabad Section Chari), Dr. V. R. Singh (IEEE India Council, Delhi) and Mrs Keyana Tennant (IEEE WIE Program Manager) presented their valuable talks about how WIE members in R10 could build strong network and strengthen their bonds. It is believed that this will help to encourage women with aptitude and right attitude to take the society towards the highest altitudes.

Takako Hashimoto

2011-2012 IEEE R10 WIE Coordinator



Participants of TENCON2012 WIE Special Track

South East Asia Conference Organisers Leadership Workshop

The South East Asia Conference Organisers Leadership workshop was held on 20 - 21st October in Grand Seasons Hotel, Kuala Lumpur. About 50 participants representing the SEA IEEE Sections attended the workshop – 7 from Indonesia, 3 from Thailand, 8 from Singapore, 3 from The Philippines, 1 from Vietnam, and the rest were from Malaysia



The workshop was conducted by representatives from IEEE Conference Business and Services, namely Susan Root, Julie Amodeo and Kevin Hanft. Helen Ma Cong from IEEE Office in Beijing and Fanny Su from IEEE Asia Pacific Office, Singapore also attended.

The workshop covered all the pertinent points that are of interests to the attendees. Some of the topics were on conference inception, management, sponsorship, quality control and marketing.

The workshop was concluded with a presentation by Hikmet Sari of France who happened to be in town for another related IEEE business the following week. Hikmet shared a few valuable tips on organising conferences from a hands-

on perspective as he has organised large conferences such as ICC in Paris in 2004, and Istanbul in 2006, plus many other major conferences such as WCNC.

In the evening of the first day, the attendees were rewarded with an unforgettable evening at the Petronas Tower Philharmonic Hall, mesmerized by the performance by a renowned Japanese pianist Makato Ozone backed by a philharmonic orchestra courtesy of Malaysian Convention and Exposition Bureau, a government agency tasked to promote international events to be held in Malaysia.

In conclusion, the workshop managed to educate the attendees on all the necessary elements to start a conference and to manage them thoroughly by following the process and standards established by IEEE.

Borhanuddin Mohd Ali, R10 Conference Coordinator and Fazirul Hisyam Hashim (Assistant.)

Call for Proposal

2014 TENCON SPRING Opens for Bidding

Proposals are invited for the **TENCON Spring** to be held around April 2014 with the following information: THEME, Venue, Accessibility, Technical Program, Fees, Organisation, Tourism Attraction, Expected revenue (based on fees and patronage), expenses, and surplus, support from government, industry, or other organization. For full details on the required information in the proposal, please contact Fanny Su at: ieeeapo@pacific.net.sg

Selection will be based on a combination of above factors but more emphasis will be given on the Theme. Thematic means there is one main target area, but may have multi-disciplinary underpinnings, for example Green Renewable Energy, Social Networks etc. Please provide an indication how the organizer shall nurture this topic in the future.

Proposals must be submitted before **20 January 2013** by email to ieeeapo@pacific.net.sg.

IEEE Region 10 Conference on Humanitarian Technology – R10-HTC2013

26 - 29 August 2013 Sendai, Japan

Theme: *Lessons Learned from Japan's 2011 Earthquake and other Natural Disasters around the World*

Keynotes and Invited Talks

Suggested Topics for Disaster-related Papers

1. Disaster Area Activities - Earthquake and Tsunami Disasters
2. Information Services for Big Disaster - SNS, FM Radio, TV Broadcast, Alarm Distribution, Search of lost people
3. ICT Infrastructure - Sustainable NW, Wired/Mobile Network Under Sea Optical Cable, Satellite Communication, Internet Connection, Cloud Service for Disaster Recovery
4. Electric Energy Infrastructure - Electrical Grid, Future Nuclear Plant, Battery Supply, Natural Energy, etc.
5. Sensors and their Applications - Data collected by Sensors, Application of Sensor Data etc.

Tutorials for Young Scientists and Engineers

6. Robotics Technology
7. Health, Medical Technology
8. Educational Technology

General topics in Humanitarian Technology

1. Humanitarian Challenges and Approach
2. Water Planning
3. Environmental Sustainability
4. Agriculture

Submission – Deadline is February 15, 2013

For further information:

<http://www.R10-HTC2013.org/>

Deepak Mathur, R10 Humanitarian Technology Activities Coordinator (deepakmathur@ieee.org)

Hirohisa Gambe, Vice Chair, R10-HTC2013 (gambe@ieee-jp.org)

Sponsors IEEE Region 10 and All IEEE Sections in Japan

Tributes to Lawrence Wong

Region 10 Director 2011 - 2012

Professor Lawrence Wong will be completing his term as R10 Director at the end of 2012 and on this occasion his IEEE colleagues pay tributes for his service to IEEE as the R10 Director/Delegate and member of the IEEE Board of Directors. This is the Region 10 traditional way of saying thank you to our top volunteer with positive notes of happy memories and acknowledgment of his contributions.

R10 Newsletter Editor

From 2012 IEEE President-Elect

Dear Lawrence,

I don't know why we are making such a fuss over you - after all; you are not done with your service to IEEE, yet!

Nevertheless, I want to thank you for your wise and measured leadership example for R10 and for your counsel to the IEEE Board of Directors; it has been a challenging 2 years, but you have led the Region admirably, and your even-handedness has been and will continue to be an example of how IEEE leaders should behave.

It has been a real pleasure working with you, and I certainly look forward to the opportunity to work with you again, should the situation present itself.

Best regards, and best wishes for you and your family in the future,

Peter Staeker

2013 IEEE President and Chief Executive Officer

From IEEE Region 10 Director 2013-14

Lawrence has been an extraordinarily great Director of the Region 10. He dedicated himself to manage all activities in Region 10 as well as to involvement into many functions of IEEE. He is well aware of all aspects of IEEE and emphasizes the value of the IEEE membership to all.

**Toshio Fukuda, IEEE R10
Director 2013-14**

*From IEEE R10
Director 2009 -2010*

Dear Lawrence,

You showed a great leadership during your directorship of Region 10.

You solved some difficult issues Region 10 was confronted with, and made a significant contribution to further development of Region 10.

Thank you very much for your great effort for Region 10.

Y J Park

IEEE R10 Director 2009-10

From IEEE R10 Director 2007-08

It was several years ago when I first remarked to Lawrence that he would make an excellent R10 Director. My veiled suggestion was instigated by Lawrence's extensive experience of IEEE activities in Asia, an outstanding performance as a Section Chair and a R10 ExCom member and a very balanced and thoughtful personality.

I had to wait a long time before Lawrence could afford a break in his managerial duties to have sufficient time for serving on the IEEE Board of Directors and leading our Region. And several more suggestions and promptings were needed.

But finally Lawrence assumed duties of Region 10 Director and I can truly say that his directorship exceeded my expectations in every area of regional activities. His ability to express complex ideas and deal with multifaceted issues in a simple and understandable way always amazed me. His balanced approach to problems is a great example to be followed. His well-mannered and relaxed style makes interactions and discussions with him very pleasant. Additionally Lawrence contributed significantly to the advancement of our region on the global IEEE scene during his directorship.

Lawrence, thank you very much for taking up the challenge and your outstanding service.

Janina

Janina Mazierska, IEEE R10 Director (2007-2008)

From Vice President-MGA / MGA Board Chair

I would like to add my personal congratulations to Prof. Lawrence Wong Wai Choong on his "retirement" as Region 10 Director. Because he is so highly thought of by his colleagues on the Member and Geographic Activities Board (MGAB),

I ask you to all congratulate Lawrence as he assumes his next role as the MGA Vice-Chair for Strategic Management and Analysis. We did not let him "get away." I personally look forward to more years of his honest companionship, sound advice and many evenings after IEEE meetings drinking good scotch whiskey as we unwind from the days' meetings and prepare for the next. Cheers Lawrence!

**Howard E. Michel, Vice President-
MGA/Chair MGA Board**



Tributes to Lawrence Wong

Region 10 Director 2011 - 2012

Dear Lawrence,

It has been my great pleasure and honor working with you in Region 10 for these two years. I really appreciate your continuous and timely encouragement and support without which it was not possible for me to pursue my work.

You have contributed a lot to the enhancement of R10. Impressive examples of your contribution include introduction of the new R10 Governance Structure which enhanced the R10 Excom activities and invitation of R10 Section Chair to the R10 Audit Committee which has made the R10 auditing process more visible. I was also impressed by your active and energetic participation in various events which took place all over R10.

I am sure you will continue to work and contribute for R10 and global IEEE. I look forward to having chances for continuing to work with you in IEEE and other opportunities.

Takatoshi Minami

2011-2012 R10 Awards & Recognition Committee Chair

2011-2012 R10 Audit Committee Chair

I had an opportunity to work very closely with Lawrence in my capacity as Sections Congress Coordinator, Vice Chair (Technical Activities) and Humanitarian Technology Activities Coordinator of Region 10. I found Lawrence possessed great leadership qualities. He was always there to guide and advise me in all the roles I performed as a Region10 office bearer. Lawrence is a very committed volunteer and a quick and effective decision maker. He has wide knowledge of many subjects and grasps matters quickly. This is one of the reasons why I admire him so much. I owe all my achievements to the guidance and support I received from Lawrence from time to time. I wish Lawrence all success and cheer in his professional and personal life.

Deepak Mathur

R10 Humanitarian Technology Activities Coordinator

Dear Lawrence,

It has been a pleasure for me to be part of your team and work as the editor of the IEEE Region 10 Newsletter. Working with you was an interesting experience. Whenever there is a difference of opinion you are generous in listening and patiently explaining your position. I appreciate your gentle approach to handle all kinds of situations and demonstrate your leadership skills in a tactful manner.

Thank you for your support to the IEEE Region 10 Newsletter with your regular columns despite your very busy schedule.

Wishing you all the best for your future endeavours,

Zia Ahmed

Editor, The IEEE Region 10 Newsletter



Dear Lawrence,

Congratulations to you as you complete your term as Region 10 Director.

During a time of growth in the Region in all key IEEE business areas, but in particular membership and conferences, you successfully led the Region's volunteer leaders through the associated challenges.

I look forward to working with you in 2013 in your new role on the MGA Board.

Cecelia Jankowski

Managing Director, Member and Geographic Activities and Staff Secretary to MGA



I really enjoyed working with IEEE Region 10 Director, Lawrence Wong, for the past two years as Vice Chair of membership activity and as the Chair of Section/subsection Evaluation Committee.

Lawrence played a very active role as the director and quite enthusiastic for solving problems and enhancing the Region. He is warm-hearted, but accurate and prompt for giving direction and suggestions.

He is an excellent contributor to IEEE and I hope he will be given opportunities for continually serving IEEE.

Kukjin Chun

Vice-Chair, R10 Membership Activities

I have had the pleasure of working closely with Lawrence over the past two years in R10 as the region's secretary and on the MGA board as SAC Chair. Lawrence displayed strong leadership in charting the direction for Asia and in representing Asia's interest and views on the MGA board. He is instrumental in implementation of new initiatives and programs in R10, specifically in the area of Committee restructure, TENCON Spring, Humanitarian Interest Group, Section Elevation process; to mention a few. He has led to a better R10 as a result of his commitment. I wish him success in his personal endeavours as well as in his next appointment as the MGA Vice Chair, SDEA (Strategic Development Environmental Assessment) Committee.

Darrel Chong

Secretary (2011-12), IEEE Region 10



Tributes to Lawrence Wong

Region 10 Director 2011 - 2012

I had an opportunity to work as team with Prof. Lawrence for the first time during 1997 Region 10 Execom Meeting at New Delhi, when I was Regional Conference Coordinator. Earlier also I have been meeting Prof. Lawrence during Region 10 AGMs and Section's Congresses and got several opportunities to interact with him and found him to be very soft spoken, cordial and considerate. I joined Region 10 EXCOM during 2011-12 as Industry Relations Coordinator under his Directorship. During 2011 Region 10 AGM at Yogyakarta, Indonesia no Industry Relations Award were presented. He not only advised me to perform certain activities but also extended his full guidance & support for the same. Due to his timely approvals & support, the Committee was able to organize Region 10 Industry Day at Ahmedabad in October 2012 & finalize all the 4 awards (MMI, MIMI, Historical Achievement & Academia-Industry Partnership Awards) for 2012. It was due to his support by way of guidance & timely approvals, Industry Relations Committee could accomplish all activities as envisaged in the beginning of 2012. I would like to express my gratitude to Prof. Lawrence for his support and leadership. I am confident that he would continue to support the Region 10 the same great way. Good Luck to him.

Rajendra K. Asthana,
IEEE Region 10 Industry Relations Chair (2011-12)

Dear Lawrence,

Thank you very much for your leadership and contribution to Region 10. You have introduced me to Region 10 and Educational Activities. Through the two years of service, I have learned a lot and I can always remember your great smile ☺ - always happy to see your smile.

Best,

Supavadee
R10 Educational Activities Coordinator (2011-2012)



Lawrence,

I remember a line from the movie, Lawrence of Arabia (1962): *"I cannot fiddle but I can make a great state of a small city."*

I say, Lawrence has made Region 10 great with his leadership of a small executive committee. I got to know Lawrence at a Region 10 meeting in Langkawi and our friendship and interaction grew over the years. I am impressed by his energy, discipline and principles, in dealing with IEEE and non-IEEE businesses.

In the same movie,

Club Secretary: *I say, Lawrence. You are a clown!*

T. E. Lawrence: *Ah, well, we can't all be lion tamers.*

Definitely, Lawrence is NOT a clown, but his smile and gentle temperament are always assuring and encouraging. He IS a lion tamer, a great IEEE leader who walks the talk and leads by example, from Singapura, the Lion City.

Lance Fung
Vice Chair, Western Australia Section

From IEEE WIE Chair

One question to Lawrence: How do you manage to smile cheerfully and deliver efficiently while you have been travelling for a fortnight and expect to travel for another fortnight?

The answer is: It needs an immense sense of responsibility and he is overflowing with it. He is a correct and fair leader as far as I have seen. I admired his unbiased outlook and quick decision making abilities when I was in the venue selection committee for the R10 Student Congress 2011. Though I have not been in his committee, I have had the opportunity of being in contact with him and observe his work during the planning and organisation of both the Region 10 Congresses during his tenure. His friendliness and leadership qualities were evident throughout the period these events were being planned. I wish Lawrence a much more wonderful future with many leadership positions.

Ramalatha Marimuthu
2012 IEEE Women in Engineering Committee Chair



Tributes to Lawrence Wong

Region 10 Director 2011 - 2012

From IEEE Hiroshima Section, Japan

Dear Prof. Lawrence Wong

I am honored that I had the opportunity to work for IEEE Region 10 as one of the volunteers under your directorship. Working together with you has been a great experience for me as an IEEE member and volunteer. My term as Chair of Hiroshima Section will also be completed at the end of 2012, however, I do wish to keep contributing to IEEE and IEEE Region 10 as you have done. Finally, I am greatly indebted to you for all that you have done for me and other members in IEEE Region 10. Thank you very much again for your kindly guidance and effective management.

Masashi Hotta

2011-2012 Chair of IEEE Hiroshima Section, Japan

From IEEE Kolkata Section, India

As the Chair of IEEE Kolkata Section, I had the good opportunity to interact with Prof. Lawrence Wong, IEEE R10 Director, very closely while coordinating the IEEE R10 meeting held in Kolkata in March 2012. During the R10 meeting I met him in person not only in the course of the meeting but also outside the meeting in informal and relaxed atmosphere. The personality of

Prof. Wong can be best described figuratively as coconut, whose outer shell is hard but the inner core is sweet and soft. I also found that he has a unique sense of humor. This makes him a disciplinarian in his official and professional duties but a loveable man in private. He has led R10 with distinction and I am sure he will continue his pursuit of excellence in whatever capacity he can in future. I wish Prof. Wong sound health in the years to come, following the axiom of Laozi, the ancient philosopher, that *health is the greatest of all possessions*.

Sivaji Chakravorti

Chair, IEEE Kolkata Section

From IEEE Hyderabad Section, India



I first met Prof. Wong at the Region 10 Meeting and I felt very comfortable and at ease in talking and approaching him, the mark of a good leader. Later during the visit to Kolkata tour I had the privilege of capturing his genial nature at the Hooghly riverside at Belur Mauth.

Later Prof. Lawrence travelled a bit to speak at the Inaugural Address of WIECON 2012 on 6th March 2012 at Bhimavaram, IEEE Hyderabad Section. But I was very impressed with his quiet and patient participation in the prayers at an orthodox traditional Indian temple at Bhimavaram. See picture above. I am personally grateful for his presence at this program in IEEE Hyderabad Section.

Atul Negi

Chair IEEE Hyderabad Section 2012

From IEEE Madras Section, India

My first interaction with Prof Lawrence Wong was at the R10 meeting at Kolkata, India, in March 2012. As Section Chair, I was representing Madras Section as the primary delegate at the R10 meeting. Madras Section had won the Outstanding Large Section Award for 2010 and me and my past Chair Prof T Thyagarajan received the award from Prof Wong.



T.S.Rangarajan (left) and Prof T Thyagarajan (right) receiving the R10 Large Outstanding Section Award for 2010 from Prof Lawrence Wong – March 3, 2012, R10 meeting Kolkata, India

One of the delegates at the meeting was repeatedly bringing up a disciplinary issue against someone and wanted Prof Wong to take stringent action. Prof Wong remained very patient for a long time in spite of repeated interruptions. When he could no longer remain quiet he got up and firmly said that in eastern civilization we have a practice of pardoning people and being accommodative of diversity. We are therefore not inclined to blow the issue out of proportion but forgive and forget. I was very impressed by Prof Wong's maturity in not only handling the delegate but also firmly dismissing the issue with the right rationale.

T. S. Rangarajan

Chair, IEEE Madras Section 2012



At the 2012 R10 EXCOM Meeting in Sri Lanka

Tributes to Lawrence Wong

Region 10 Director 2011 - 2012

Dear Lawrence,

It was a great pleasure to work with you as part of R10 ExCom members in 2011-2012. Under your leadership, every experience that I've had as the R10 WIE coordinator was really delightful.

Thank you very much Lawrence, and best wishes for your future endeavors.

With warm regards,

Takako Hashimoto

R10 Women in Engineering Coordinator

From The IEEE Asia Pacific Operations Centre



Lawrence has been fair in his assessment and diplomatic in handling of challenges that the Organizational Units are encountering in particular the BRIC countries, India and China. Under his leadership as Region 10 Director, there is greater awareness of issues, better coordination, co-operation and communications amongst committee members. Lawrence has laid a good foundation for the Region 10 committees to build on.

Fanny Su

**Manager, IEEE Asia Pacific Operations Centre/
Communications Society Office, Singapore**

Lawrence Wong

I first met Lawrence when I was a student IEEE leader back in 2005 when he came over to my Section (Western Australia) to provide some help with running the strategic planning session. I soon realised that there was much Lawrence had to offer us and the Section from his experience in running and managing volunteer IEEE events and a Section. Many of us discovered Lawrence's hidden talent in Karaoke during the dinner that followed afterwards at the Miss Maud's Swedish restaurant.

Now, advancing the clock forward to 2011, I have had the pleasure of once again working with Lawrence. Together along with the Region 10 team, we were working towards the common goal of meeting the evolving needs of Region 10. Region 10 is one of the largest, diverse regions in IEEE with its own set of challenges. One could compare it to a multi-speed economy; the analogy here is that there are countries where economic growth and growth in IEEE membership is running full-steam ahead and in contrast, there are countries which have gone beyond the growth phase and maintain a steady pace of membership growth. This poses a challenge where a one size fits all approach does not work. Lawrence has taken on the multiple challenges of maintaining and growing membership in a diverse IEEE Region. His logical approach to problems and prioritisation of initiatives and challenges to resolve presents a different approach to what I have seen to other leaders I have worked with. I think it is to Lawrence's credit that he realises that IEEE membership offerings must continue to evolve. I have no doubt that Lawrence will do a great job in his new role in MGA.

I would like to thank Lawrence for the opportunity to work with him and wish him all the best with his new role in MGA.

Timothy Wong, Region 10 GOLD Coordinator



IEEE News and Highlights

IEEE Fellows Elevated as of January 2013

Heartiest Congratulations to our 2013 Class of IEEE Fellows!

Note: Fellows are listed by their business addresses and under their preferred Sections.

IEEE Bangalore Section

Jayant Haritsa

Indian Institute of Science, Supercomputer Education & Research Centre, Bangalore, Karnataka, 560012, India
for contributions to data management systems

IEEE Beijing Section

Yanda Li

Tsinghua University
Dept. of Automation, Beijing, 100084, China
for contributions to research and education in signal processing and bioinformatics

Jinhu Lu

RMIT University, Australia
School of Electrical and Computer Eng.
Melbourne, Victoria, Australia
for contributions to complex networks and nonlinear circuits and systems

Yi Ma

Microsoft Research Asia, No. 5 Danling Street, Haidian District, Beijing, 100080, P. R. China
for contributions to computer vision and pattern recognition

FengWu

Microsoft Research Asia, T2-13321, No5 Danling Street Haidian, Beijing, 100080, China
for contributions to visual data compression and communication

IEEE Chengdu Section

Zaiping Nie

University of Electronic Science and Technology of China
College of Electronic Engineering
Chengdu, Sichuan, 610054, P.R.China
for leadership in engineering and education in electromagnetics

IEEE Delhi Section

Om-Prakash Calla

International Centre for Radio Science
Jodhpur, Rajasthan, 342003, India
for leadership in space applications of microwave technology and remote sensing

Sreenivasa Murthy

Indian Institute of Technology Delhi, Department of Electrical Engineering, IIT Delhi, New Delhi, India
for contributions to self-excited induction generators and renewable energy applications

IEEE Hebei Subsection

Xi-ZhaoWang

Hebein University, College of Mathematics & CS
Baoding, Hebei, 071002, China

for contributions to development of fuzzy decision tree and clustering techniques

IEEE Hong Kong Section

Amine Bermak

Hong Kong University of Science and Technology
Electronic and Computer Eng. Department
Clear Water Bay, Kowloon, Hong Kong

for contributions to sensing and processing of vision and olfactory circuits and systems

Mansun Chan

Hong Kong University of Science and Technology
Dept. of ECE, HKUST
Clear Water Bay, Kowloon, Hong Kong

for contributions to CMOS device modeling

Kwok Chau

The University of Hong Kong
Department of Electrical and Electronic Engineering
Pokfulam Road, Hong Kong, China

for contributions to energy systems for electric and hybrid vehicles

Xiaohua Jia

City University of Hong Kong, Dept of Computer Science, AC1-Y6313, 83 Tat Chee Avenue, Kowloon, Hong Kong, S.A.R., China

for contributions to distributed computing systems and multicast communications

Helen Meng

The Chinese University of Hong Kong, Faculty of Engineering, William M.W. Mong Eng. Building, Shatin, NT, Hong Kong, China

for contributions to spoken language and multimodal systems

Daniel Palomar

Hong Kong University of Science and Technology (HKUST), ECE Department
Clear Water Bay, Kowloon, Hong Kong

for contributions to convex optimization-based signal processing for communications

Tak-ShingYum

Hong Kong - ASTRI, 3/F, Bio-informatics Centre
2 Science Park West Avenue, Shatin, Hong Kong

for contributions to the architecture and resource management of communication networks

IEEE Hyderabad Section

Bayya Yegnanarayana

International Institute of Information Technology (IIIT)
A3-116, Vindhya Block, Hyderabad, AP, 500032, India

for contributions to digital signal processing research and education

Nagoya Section

Masayuki Tanimoto

Nagoya University, Furo-cho, Chikusa-ku
Nagoya, 464-8603, Japan

for contributions to the development of free-viewpoint television and its MPEG standard

Nanjing Section

Zhi-Hua Zhou

Nanjing University, Dept of CS& Technology
Nanjing, Jiangsu, 210046, China

for contributions to learning systems in data mining and pattern recognition

IEEE Pune Section

Pradeep Sinha

Pune University, Centre for Development of Advanced Computing, Ganeshkhind Road, Pune, MH, 411007, India
for leadership in distributed and parallel processing systems

IEEE Sendai Section

Nei Kato

Tohoku University, Graduate School of Information Sciences, Aoba 6-3-09, Aramaki, Aoba-ku
Sendai, Miyagi, 980-8579, Japan

for contributions to satellite systems and network intrusion detection

IEEE Seoul Section

Jong-Keun Park

Seoul National University, Dept of Electrical Engineering & CS, College of Engineering, #020, 599 Gwanak-ro
Seoul, 151-744, South Korea

for contributions to design of electricity markets

Frank Park

Seoul National University, 1-203 Hannam Heights Apt.
Oksu-Dong, Seongdong-Ku, Seoul, 133-768, South Korea

for contributions to geometric methods in robot mechanics

IEEE Shanghai Section

Wen-Yan Yin

Zhejiang University, Centre for Optical & EM Research
State Key Lab of MOI, Room 101, East Building No. 5
Hangzhou, Zhejiang, 310058, P.R.China

for contributions to multi-physics solutions for intentional electromagnetic interference and nanostructure electromagnetic compatibility

IEEE Singapore Section

Lalit Goel

Nanyang Technological University, Division of Power, Engineering, School of EEE, S1-B1a-24
Singapore, 639815, Singapore

for contributions to the development and application of reliability techniques in electric power systems

Kai-Kuang Ma

Nanyang Technological University, Singapore
School of Electrical and Electronic Engineering
Singapore, 639798, Singapore

for contributions to image processing and digital video coding

IEEE Taipei Section

Yao-Wen Chang

National Taiwan University, Rm 428, Barry Lam Hall,
Dept of Electrical Engineering, Taipei, 106, Taiwan

for contributions to VLSI physical design and manufacturability

Kuo-Ning Chiang

National Tsing Hua University, Dept. of Power Mechanical Eng., No. 101, Sec. 2, Kuang Fu Rd
HsinChu, 300, Taiwan

for contributions to design and reliability of electronic packaging

Tzi-Dar Chiueh

National Taiwan University, Dept. of Electrical Engineering,
1 Sec. 4, Roosevelt Road, Taipei, 10617, Taiwan

for contributions to baseband processing integrated circuits for communications systems

Mark Liao

Institute of Information Science, Academia Sinica
No. 128, Sec. 2, Academia Rd., NanKang,
Taipei, 115, Taiwan

for contributions to image and video forensics and security

Ying-Dar Lin

National Chiao Tung University (NCTU)
1001 University Road, Hsinchu, 300, Taiwan

for contributions to multi-hop cellular communications and deep packet inspection

Chih-Wen Liu

National Taiwan University, Department of Electrical Engineering, BL-628, Taipei, 106, Taiwan

for applications of phasor measurements to fault location and dynamics monitoring in power networks

Wei-Yen Wang

National Taiwan Normal University, Dept of Applied Electronics Technology, 162 Sec. 1, He-Ping E. Rd.
Taipei, 106, Taiwan

for contributions to observer-based adaptive fuzzy-neural control for uncertain nonlinear systems

Tzong-Lin Wu

National Taiwan University, Dept of Electrical Engineering, Taipei, 10617, Taiwan

for contributions to noise mitigation technologies and electromagnetic compatibility design on printed circuit boards

Chen-Hua Yu

Taiwan Semiconductor Manufacturing Company (TSMC)
No. 168, Park Avenue 2, Science and Industrial Park, Bao-San Township, Hsin-Chu County, 30844, Taiwan

for leadership in development of interconnect technology for integrated circuits

IEEE Tokyo Section

Hiroyuki Arai

Yokohama National University, Dept. of Electrical and Computer Eng. 79-5 Tokiwadai, Hodogaya-ku
Yokohama-city, Kanagawa, 240-8501, Japan

for contributions to the design and analysis of low profile antennas for mobile communications

Andrzej Cichocki

RIKEN Brain Science Institute, 2-1 Hirosawa Wako City
Wako, Saitama, 351-0198, Japan

for contributions to applications of blind signal processing and artificial neural networks

Takatomo Enoki

Nippon Telegraph and Telephone Corporation, NTT
NTT Photonics Laboratories, 3-1, Morinosato Wakamiya
Atsugi-shi, Kanagawa, 243-0198, Japan
for contributions to compound semiconductor high speed integrated circuits for optical and wireless communication systems

Akira Hirose

The University of Tokyo, Dept of EE & IS
7-3-1 Hongo, Bunkyo-ku, Tokyo, 113-8656, Japan
for contributions to theory and radar applications of complex-valued neural networks

Tetsuya Kawanishi

Nat'l Inst. of Information & Communications Technology
4-2-1 Nukui-Kita, Koganei, Tokyo, 184-8795, Japan
for contributions to high-speed and precise lightwave modulation technologies

Kazuro Kikuchi

The University of Tokyo, Dept. of EE & IS
7-3-1 Hongo, Bunkyo-Ku, Tokyo, 113-8656, Japan
for contributions to coherent optical communication systems

Masaru Kitsuregawa

University of Tokyo, Institute of Industrial Science
4-6-1 Komaba Meguro-ku, Tokyo, 153-8505, Japan
for contributions to high performance database technology

Masaaki Niwa

University of Tsukuba, Frontier Science, Graduate School of Pure and Applied Science, 1-1-1 Tennoudai, Tsukuba, Ibaraki, 305-8573, Japan
for contributions to CMOS technology using high dielectric constant materials and metal gate

Masaya Notomi

NTT Basic Research Laboratories, 3-1 Morinosato-Wakamiya, Atsugi, Kanagawa, 243-0198, Japan
for leadership in the development of photonic crystals and applications

Eiji Oki

The University of Electro-Communications
1-5-1, Chofugaoka, Chofu, Tokyo, 182-8585, Japan
for contributions to high-performance packet switching and path computation technologies

Takuro Sato

Waseda University
94 Waseda University Bldg. 1011 Nishi-Tomita
Honjo-shi, Satitama-ken, 367-0035, Japan
for contributions to W-CDMA cellular standardization

Hirofumi Tamura

Fujitsu Laboratories LTD.
4-1-1, Kamikodanaka, Nakahara-ku
Kawasaki, Kanagawa, 211-8588, Japan
for contributions to technology for high speed interconnects

Haruhiko Tsuchiya

University of Yamanashi, 4-4-37 Takeda, Kofu-shi, Yamanashi-ken, Kofu, Yamanashi, 400-8510, Japan
for contributions to single-mode optical fiber transmission

IEEE Victorian Section

Donald Holmes

Royal Melbourne Institute of Technology University
School of Electrical and Computer Engineering
GPO Box 2476, Melbourne, Victoria, 3001, Australia
for contributions to the modulation and control of solid-state power electronic conversion equipment

William Shieh

The University of Melbourne, 8 Chatswood Close, Glen Waverley, Victoria, 3150, Australia
for contributions to coherent optical orthogonal frequency-division multiplexing

IEEE Zhejiang Subsection

Sailing He

The Royal Institute of Technology (Sweden)
Joint Research Center of Photonics, Dept. of Electromagnetic Eng. School of Electrical Engineering
Stockholm, 10044, Sweden
for contributions to subwavelength photonics

Dehong Xu

Zhejiang University, College of Electrical Engineering
Zheda road 38, Hangzhou, Zhejiang, 310027, China
for contributions to power electronic applications to renewable energy systems

**IEEE 2013 TENCON-SPRING
17-19 April 2013, Sydney, Australia**

The first TENCON Spring Conference will bring together top technical professionals from the Electronics and Electrical Engineering community to exchange information and recent results in the areas of electronics, communications and power engineering. Papers presented in conference will be submitted to IEEEExplore Digital Library and indexed by EI Compindex.

Theme1: Advanced Technologies & Economics of Energy Systems - Power Electronics & Energy Conversion, Renewable Energy & Sustainable Development, Power Systems, Electric and plug-in hybrid electric vehicles, Electrical Machines & Drives, Electricity Markets and Electrical Power Economics, Emerging Applications & others.

Theme 2: Personal Communication in a Mobile World - Signal Processing and Applications, Communications and Networks, Circuits and Systems, Antennae and Propagation, Biomedical Engineering and Others

Papers submission deadline: 21 Jan, 2013

For details, please visit: www.tencon2013.org.au

IEEE TENCON-SPRING
An IEEE Region Ten Conference

IEEE R10 Councils & Sections News and Highlights

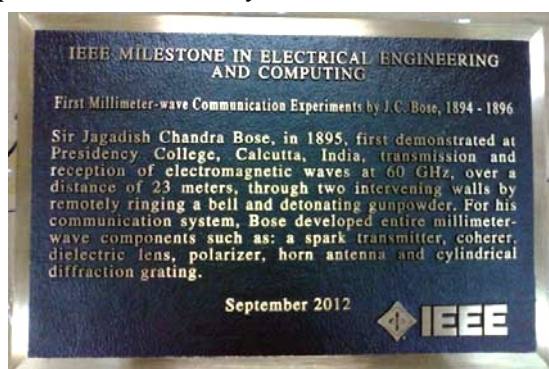
IEEE Kolkata Section

The IEEE Milestone Plaque for the First Millimetre-Wave Communication Experiment

The IEEE Milestone Plaque for the “First Millimetre-wave Communication Experiment” by Sir J. C. Bose in 1894-1896 was formally dedicated on 15th September 2012 at the Presidency University in Kolkata. In a glittering ceremony the plaque was handed over to Prof. Malabika Sarkar, Vice-Chancellor of Presidency University, by Dr. Peter Staecker, IEEE President Elect.



The milestone plaque was subsequently installed at a prominent location within the Presidency University campus. In this program Prof. Malabika Sarkar, Vice-Chancellor of Presidency University, and Prof. Sivaji Chakravorti, Chairman, IEEE Kolkata Section, extended warm welcome to the large number of audience including members of press and local intelligentsia. Prof. Kalyan K Mallik and Prof. Pradip K Saha, proposers of the IEEE Milestone, talked about the significance of IEEE milestones as well as the significance of Sir JC Bose's contribution. Dr. Peter Staecker made a valuable presentation on the importance of this milestone as well as this event. He specifically expressed his happiness to be able to be present on the occasion of the dedication of first IEEE milestones in India. Prof. Sabyasachi Bhattacharya, Former Director of Tata Institute of Fundamental Research, Prof. Sibaji Raha, Director, Bose Institute, Kolkata, and Prof. Somak Raychaudhury of Presidency University, made captivating presentations. The message from Prof. Bikash Sinha, Former Director of Saha Institute of Nuclear Physics and Variable Energy Cyclotron Center, was also read. More than 200 participants took part in this IEEE milestone plaque dedication ceremony.



The IEEE Milestone Plaque for the “First Millimetre-wave Communication Experiment”.

Dedication of

IEEE Milestone Plaque for the Raman Effect by Sir C. V. Raman



The IEEE Milestone Plaque for the “Raman Effect” by Sir C. V. Raman in 1928 was formally dedicated on 15th September 2012 at the Indian Association for the Cultivation of Science (IACS) in Kolkata. In a very well attended program the IEEE Milestone plaque was formally handed over to Prof. Kankan Bhattacharyya, Director, Indian Association for the Cultivation of Science, by Dr. Peter Staecker, IEEE President-Elect 2013, which was then installed at an important location within the IACS campus. In this enthralling program, Prof. Kankan Bhattacharyya spoke on the work carried out by Sir C. V. Raman at IACS. The welcome address was given by Prof. Sivaji Chakravorti, Chair IEEE Kolkata Section. Prof. Kalyan K Mallik and Prof. Prasanta K Basu, proposers of IEEE Milestone, spoke on the process of IEEE Milestone approval as well its significance. Dr Peter Staecker in his absorbing address spoke on the significance of C. V. Raman's work in relation to technology development and also on the significance of IEEE milestones in India. About 250 participants attended this program which included members of English as well as vernacular print and electronic media, people from academia and also people from different strata of the society interested in the growth of science and technology.



IEEE President-Elect Dr. Peter Staecker delivering his talk at IACS on the occasion of presentation of the IEEE Milestone Plaque for Raman Effect.

Sivaji Chakravorti
Chair, IEEE Kolkata Section, India

IEEE Western Australia Section

Workshop on Smart Grids, Renewable Energies and Techniques

Electrical power systems and utility industries are entering a new era with the integration of traditional and renewable energy sources, controlled and managed by intelligent information, communication and computer systems. In recent years, the term “Smart Grid” has captured the attention of the industry, researchers, government and the general public. For this reason, Professor Kit Po Wong, Fellow of IEEE and Winthrop Professor of the University Western Australia, organized the Second Workshop on “Smart Grids, Renewable Energies and Techniques” on 5th November, 2012 at UWA. The workshop followed the highly successful first workshop held on 8th August, 2012. The second workshop was supported by the Faculty of Engineering, Computing and Mathematics, UWA; Western Power Corporation; Horizon Energy; State Grid Corporation of China; North China Electric Power University; Hongkong Electric; CSIRO; University of Newcastle, IEEE Western Australian Section, IEEE Power and Energy Engineering and Power Electronics WA Chapter and IEEE Systems, Man, and Cybernetics Society Technical Committee on Intelligent Power and Energy Systems. The list of eminent speakers in the second workshop included Mr Mark Paterson, CSIRO, Australia; Professor Loi Lei Lai, State Grid Energy Research Institute, China; Professor Tianshu Bi, North China Electric Power University, China; Mr C.K. Lau, Hongkong Electric; Professor Zhaoyang Dong, the University of Newcastle, NSW; Mr James Stokes, Western Power Corporation, WA Australia; Professor Adrian Baddeley, Fellow of Australian Academy of Science and CSIRO Division of Mathematics, Informatics and Statistics, Australia; and Mr Hai Bui, Horizon Power, Western Australia. The workshop was well attended by over 75 participants from the industry, universities and research organizations. Apart from the technical presentations, the workshop provided the perfect venue for discussion and exchange of information with respect to various aspects of the smart grid technologies and practices. Professor Wong is grateful with the support and involvement from IEEE and it is hoped that the workshops will lead to similar events and international collaboration in the future.

Lance C. C. Fung, Vice-Chair IEEE WA Section

IEEE NSW Section

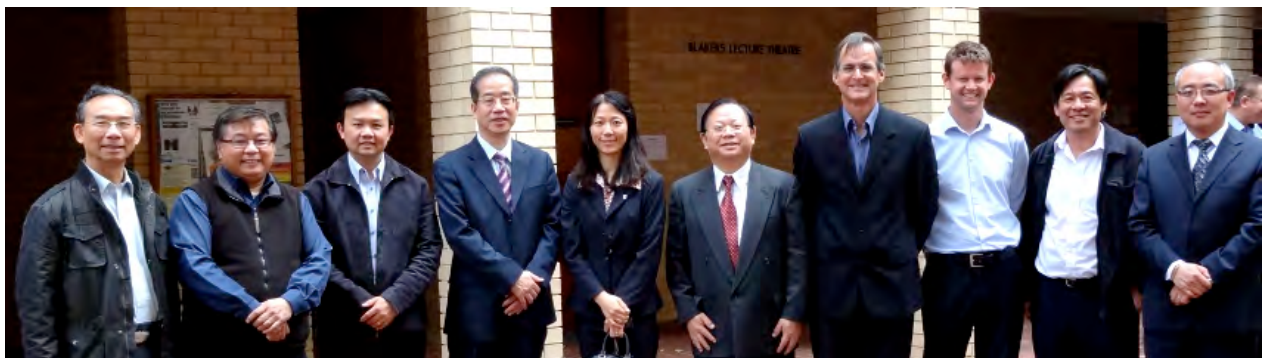
IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC'12)

The 23rd annual IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC'12) was held in Sydney, Australia, from 9 - 12 September 2012. PIMRC'12 featured guest keynotes from Ericsson Australia and New Zealand CEO Dr Håkan Eriksson, NBN Co CTO Gary McLaren, and Optus Networks MD Günther Ottendorfer. For the first time in its 23 years history PIMRC was held in the Southern Hemisphere. The host city Sydney was evaluated as a perfect location for PIMRC'12 in its best weather season. CSIRO and the University of Sydney were the hosts of the PIMRC'12.

In continuation of IEEE PIMRC legacy that have always provided high quality technical programs, we welcomed over 600 researchers from Australia and overseas to the IEEE PIMRC'12 in Sydney. A very rich program with around 450 papers accepted in technical sessions and workshops in the timeliest topics of research in the field of mobile communications was presented to the attendees. All accepted papers have gone through a very rigorous peer review process with a minimum of three independent expert reviews. The technical sessions and the workshops provided the conference attendees with the latest technological developments in the field as well as some emerging technologies for future network developments. The conference also included a very strong program for the three workshops in the most recent emerging technologies and eight tutorials covering some highly interesting topics. The organizing and program committees consisted of some well-known researchers from across the globe. Attendees left Sydney with a memorable story of their experiences.



Ian Oppermann, IEEE PIMRC'12 General Chair
Abbas Jamalipour, IEEE PIMRC'12 Program Chair



Speakers and hosts of the Second Workshop on Smart Grids, Renewable Energies and Techniques (from left to right: Professor Kit Po Wong, A/Prof Lance Fung, A/Prof Kevin Wong, Mr C.K. Lau, Professor Tianshu Bi, Professor Loi Lei Lai, Professor Adrian Baddeley, Mr James Stokes, Mr Hai Bui and Professor Z.Y. Dong)

Down to Earth Conference 2012

October 9-11 saw nearly 190 engineers descend on the Crowne Plaza in the Hunter Valley, New South Wales to participate in the DTEC2012, hosted by the Electrical Branch Committee of the Newcastle Division of Engineers Australia. The conference was designed to support earthing and lightning protection design and testing practitioners, asset owners and interested engineers with relevant, practical content. The technical programme started with 6 presentations in a half day tutorial for those new to the earthing field, followed by 58 presentations in two streams over the following two days. The technical stream also offered presenters with the opportunity to submit papers for peer review, publication and citation in IEEE Explore.

The conference covered topics such as safety standards, earthing of major and distribution substations, commercial, industrial and mining installations, traction/rail and generating stations, transmission and lightning protection systems. There also were numerous presentations on the testing of earthing systems.

Participants responded very positively to the conference, with responses like:

- *'Great conference with great presentations.'*
- *'Wonderfully focussed conference for earthing engineers. Great for me; Every presentation I've been to has been good.'*
- *'Great presentations and no technical problems! Good organisation and preparation.'*
- *'DTEC was a great conference to meet and share knowledge and ideas with power system earthing engineers from Australia, Canada, Germany and New Zealand. Presentation and conference material was of very high quality and lots of new ideas being discussed'.*
- *'DTEC was a valuable professional development and engineering network experience. The conference provided presentations which covered a broad range of earthing issues from numerous scenarios e.g. substation, industrial, distribution substation etc. which enabled brief overviews to develop better appreciation of the different earthing fields of expertise.'*

Down to Earth is planned to return to WA in May 2014, and again be hosted by the Western Australian Electrical Branch committee of Engineers Australia.

Thank you to IEEE NSW PES Chapter and Prof Trevor Blackburn's support for the conference. The Technical Chair for the conference was Dr Bill Carman, Conjoint Senior Lecturer University of Newcastle.



Tony Zaglas
Secretary, IEEE NSW Section, Australia

IEEE Queensland Section

IEEE Queensland PES Student Travel Prize

In 2010, IEEE Queensland Section PES Chapter established a \$2000 annual travel prize for student members to attend and present their papers at the annual IEEE Power & Energy Society (PES) General Meeting conference for the period of 5 years from 2010 – 2014. This prize is administered by PES Chapter of IEEE Queensland Section. Details of the prize including eligibility, submission documents and selection criteria can be downloaded from the website of the Queensland PES Chapter. Each year, applications should be submitted by 15th of April and prize winner is notified by 15th of May. Recipient of the award receives a \$2000 cheque in June and an IEEE certificate during the Award ceremony at IEEE Queensland Annual General meeting in December. During 2010-12, the prize committee carefully reviewed all received applications and finally decided to equally share the prize between the best two papers. They were awarded with \$1000 each.

In 2010, PES Chapter received 5 applications from the students of Queensland universities to attend and present paper in the IEEE 2010 PES General Meeting at Minneapolis, USA. Miss Mai Nguyen and Mr. Sudarshan Dahal, both from the University of Queensland were the winners in 2010 and both presented their papers in the conference.

In 2011, PES chapter received 5 applications from the students of Queensland universities to attend and present paper in the IEEE 2011 PES General Meeting at Detroit, MI, USA. Mr. Ruifeng (Richard) Yan and Muhammad Bachtar Nappu, both from the University of Queensland were the winners in 2011 and both presented their papers in the conference.

In 2012, PES Chapter received 9 applications. Mr. Sumit Mazumder from Queensland University of Technology (QUT) and Mr. Md. Rakibuzzaman Shah from the University of Queensland (UQ) were the winners of 2012 IEEE PES Travel Award and attended the conference in San Diego July 2012.



Mr. Sumit Mazumder
(above) and Mr. Md.
Rakibuzzaman Shah
(below) receiving the
\$1000 check from the
PES Chapter Chair



Dr. Mehdi Eghbal
Queensland PES Chapter Chair 2012

News from WIE Affinity Groups

WIE Affinity Group of BMSCE-IEEE SB, India

WIE Congress on "Information Processing" WIECON'12

WIE Congress on "Information Processing" was held on 24th September 2012 in B M Sreenivasiah Auditorium, BMS College of Engineering, Bangalore, India. The event was organized by WIE Affinity Group of BMSCE-IEEE SB. The programme was funded by R10 Women in Engineering and supported by BMS College of Engineering (BMSCE), Bangalore, India. The 85 participants included IEEE student members, IEEE professional members and non-IEEE members.



The guests who graced the inauguration ceremony included Mrs. Geetha Manjunath, Senior Research Scientist, Hewlett Packard Labs in Bangalore, and Dr. K. Mallikharjuna Babu, Principal of BMS College of Engineering. The guests were welcomed by Dr. D N Sujatha, Professor & Head of Computer Applications Department, BMSCE and Chair of WIE Affinity Group of BMSCE-IEEE. The inaugural began by invoking the blessing of god and lighting the "Jnana Jyothi".



A brief talk on WIE and events conducted during the academic year 2011-2012 was presented by Mrs. V. Padmapriya, Assistant Professor, Department of CA, BMSCE followed by the words of enlightenment by our beloved Principal and vote of thanks by Mrs. Uma S Assistant Professor, Department of CA, BMSCE.

The event included two invited talks for 90 minutes each and a panel discussion on "Contribution of Women to Engineering Profession".

The first invited talk was on "Technologies for Scalable Cloud Services" by Mrs. Geetha Manjunath, Senior Research Scientist, Hewlett Packard Labs, Bangalore, India. The talk gave a wonderful insight on various cloud

computing technologies and emphasized the need and emergence of the technology in the current generation and the generations to come. This session was followed by a Tea Break.

The second Invited talk was on "Spacecraft Information Processing" by Smt. N. Valarmathi, Project Director, Radar Imaging Satellite, ISRO. Mrs. Valarmathi gave a walkthrough of the space and the satellites. Her talk focused on how satellite is being built, what satellite comprises of, what components used to build satellite and most importantly how the young generation can develop their careers in developing applications for satellites. This marked the end of the morning sessions.

After the lunch break a panel discussion on "Contribution of Women to Engineering Profession was organised". The Panelists were:

- Mrs. N. Valarmathi, Project Director, Radar Imaging Satellite, ISRO, Bangalore
- Mrs. Sreekala Ramamurthy, General Manager - Talent Transformation, Wipro Ltd, Bangalore
- Dr. Deepa Shenoy, Professor Department of Computer Science and Engineering, UVCE, Bangalore & WIE Chair Bangalore Section
- Dr. Samita Maitra, Professor & Head, Department of Chemical Engineering, Chairperson Women Cell, BMSCE, Bangalore

The moderator for the panel discussion was Prof. Meena P., Associate Professor, Department of Electrical and Electronics Engineering, BMSCE, Bangalore.

The panel discussion was the most exciting part of the WIECON'12, which brought out several issues of women in engineering stream. The discussion touched on various topics like, empowering women to suite the engineering profession, work life balance, gender biasing faced by female children and by teenage girls. Panelists emphasized the fact "girls/women are born leaders" and they need to rekindle this thought whenever they are in distress and make it a motivating factor to come up in their life.

This discussion received a great support and applause by the men, with assurance that they would support women in their life like mother, sister or wife to come up with good colors. This session was then followed by a valedictory function which concluded with a high tea.



Dr. D N Sujatha
BMS College of Engineering, Bangalore, India



IEEE WIE Affinity Group of IIT Kharagpur, India
IEEE Workshop on Medical Imaging and Image Processing

The IEEE Workshop on Medical Imaging and Image Processing was jointly organized by IEEE Student Branch, IEEE EMB Student Club, and IEEE WIE Affinity Group of IIT Kharagpur from 4th to 7th of July, 2012 at IIT Kharagpur. The goal of this workshop was to provide an industry professional's know-how, in the field of medical imaging and image-processing to students working in the field of Medical Science and Technology. It was a four day workshop where experts from industries and academia came to share their knowledge in the respective fields.

The objective of this workshop was to familiarize the participants with the fundamentals of medical imaging modalities such as Magnetic Resonance Imaging (MRI), Computed Tomography (CT) and optical imaging. It also tried to give an essence of different image processing techniques with an aim at exposing the participants to image processing training on a hardware platform such as the TI DaVinci Board to gain a clear understanding of the various principles and techniques, which would enable them to work better on medical imaging and image processing applications.

The workshop was organized in collaboration with industrial participation from GE Global Research, Texas Instruments, and EdGate. Initially, EdGate conducted a workshop on the DaVinci Image Processing Board which was followed by sessions on imaging using MRI and CT conducted by GE Global Research. Texas Instruments delivered lecture sessions on image processing and conditioning as well.



Participants from all over India, having different educational backgrounds, took part in the workshop including undergraduates, post-graduates and research scholars of different engineering departments. The workshop was conducted with 33 participants.

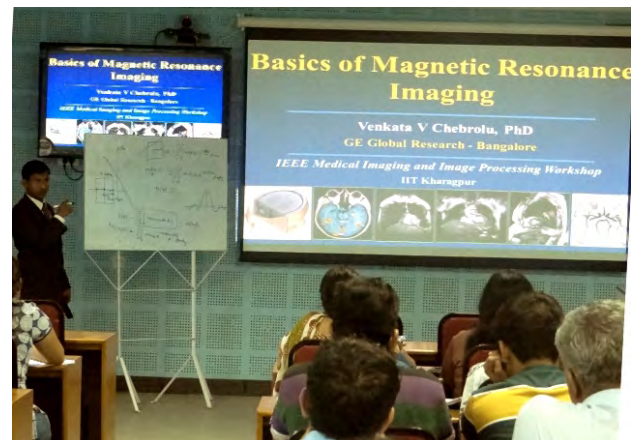
The workshop continued for 4 days and the venue was NKN VC Lab, GS Sanyal School of Telecommunication (GSSST), Takshila, Srinivasa Ramanujan Complex, IIT Kharagpur. Duration of the workshop was of 7 hours per day divided into various lecture as well as hardware sessions. The lunch for the participants was arranged by the organizers. Each half of the working hour contained tea break with arrangements of some refreshments. The workshop was broadcasted nationwide through the network system of the lab. This helped students and other interested people (those who are not able to attend the workshop) to be exposed to different technological dimensions regarding

medical imaging and image processing, thereby widening their knowledge in this field. The detailed activities for the entire workshop session on various days are as follows:

On the first day the registration of the participants was done and each of them was given a registration kit containing a workshop identity card, jute bag, 4 GB pendrive, pen and a notebook. The pre-lunch session was a tutorial on development Kit 8500 based on OMAP 3530/TI DaVinci DM 3730 conducted by EdGate Professionals. The post lunch session was a hands-on training on the same. Hence, at the end of first day, the participants acquired an overall knowledge of how to work on DSP.

The second day was all day lecture/tutorial sessions by personnels from academia as well as industry. Prof. Pranab Kumar Dutta, IIT Kharagpur, gave a detailed discussion on different modalities of optical imaging. Prof. Sudipta Mukhopadhyay, IIT Kharagpur, explained how to enhance ultrasound images using super resolution. A talk on IEEEExplore, IEEE UPP and its benefits was given by Mr. Dhanukumar Pattanashetti, Client Services Manager of IEEE UPP, India. The last tutorial session of second day was on Image Pre-processing and Image conditioning conducted by Mr. Hrushikesh Garudh, Texas Instruments, Bangalore.

The second day tutorial session on image pre-processing and image conditioning, conducted by Mr. Garudh continued on the third day. This was followed by Dr. Venkata from GE Global Research, Bangalore, who discussed the details of Magnetic Resonance Imaging (MRI). A gala dinner was organized for all the participants and delegates at night.



Dr. Venkata continued his discussion on MRI on the fourth day also. Later Mr. Pratik Shah from GE Global Research, Bangalore, gave his talk on physics and instrumentation of Computed Tomography. The four day workshop was closed after the valedictory function where the participation certificates were distributed to the participants followed by a vote of thanks.

At the end of the workshop, students gave a positive feedback to the workshop indicating that it had truly helped them in clarifying various concepts both theoretically as well as practically, understanding various domains of imaging and image processing and that they look forward for future workshops of this kind.

Rusha Patra
Chair, IEEE WIE affinity of Kharagpur (2012-13)
Research Scholar, Dept of EE, IIT Kharagpur, India

WIE Affinity Group of Nirma University, India

Enlightening The Future

It is rightly said the best way to cheer yourself is to cheer someone else up. WIE Affinity Group of Nirma University experienced this beautiful feeling when they conducted "Enlightening the Future Campaign" in association with R10 WIE. Under this campaign they visited M. U. Sheth Sarvajani Girls School at Wadhwan and Birla Vishva Vidhyalaya in Bharuch and addressed more than 600 students in the remote areas of Gujarat. The primary objective was to redefine the old perceptions rural regions still behold of engineering and help little girls understand the importance of science and technology, which is transforming our lives at an incredible pace.

The activities included explaining the engineering concepts in the field of robotics, electronics and computers using presentations, videos and most importantly demonstrating them with a real model. The sessions started with the fundamentals of what is engineering and the wide range of opportunities it provides. The students were then explained the theoretical concepts of robotic mechanisms and later were taught to build their own manual robots practically with all the machineries and manual help provided. The electronics module included the basics of electronics and its applications with many practical demonstrations. It covered a wide range of topics starting from the conceptual definitions of current, voltage, power, etc; working of resistors, capacitors; to the fundamentals of electromagnetism, motors and generators as well as the detailed working of door bells, fan and bulb. The primary system of how electricity reaches our homes, the use of step-up and down transformers in the process and how fuses help in situations of short circuit were all explained.



In the Computer module, the students, initially, were introduced to the working of a computer by an interactive demonstration. Later, they were explained the innumerable areas where computers are inevitable, the importance of information sharing, the power of Google and how it can help to search anything available on this globe. Different types of sites available for accessing books, novels, extra

study materials, etc were mentioned for further use.

It was amazing to see the students asking questions not only related to the traditional fields of engineering but somewhat unconventional fields like aeronautics, which showed their interest and liking to pursue engineering as their future career. The vigorous efforts made by group members reciprocated to invaluable smiles of satisfied students, which is a true testimonial of how successfully the events were conducted. This campaign, supported and sponsored by R10 WIE, was successful in bringing a change in the mindsets of young girls towards science and technology.

WIECON'12 – WIE Congress

WIECON'12, one of the most high-spirited events of IEEE Gujarat Section, was organized in association with R10 WIE and WIE Nirma University on 3rd Nov, 2012. A total of 7 engineering colleges across Gujarat enthusiastically attended the congress. WIECON'12 was an attempt in the direction of strongly establishing active WIE groups in the colleges under IEEE Gujarat Section. At the Congress, there were Expert Lectures, IEEE Alumni panel discussion and member interaction activities which covered the topics of Emerging Technologies, Role of Engineering in the Life of Women and IEEE benefits for a student member. Competitions such as Advertisement making, Song Scramble, Open House Quiz were also conducted and prizes were bagged by the participants.

The two main initiatives that attracted a large audience was the felicitation of the first Outstanding WIE Award 2012 - an initiative by WIE Nirma University to promote women in engineering by recognizing their varied talents, and the Inaugural Edition of WIE Magazine of Nirma University, which contained a myriad of articles ranging from technical, non-technical to current affairs that aimed at emphasizing the efforts of the women fighting against all the odds and achieving newer zeniths.

The integral part of the Congress was the informative and interactive session on "Formation of Active WIE Groups". The participants were provided guidance on who can work in WIE – importance of WIE membership, aims of WIE affinity groups; how to form active WIE groups in colleges - the formal petition filing procedure; the large range of activities that can be carried under WIE, etc. The feedback from the participants showed that WIECON'12 was able to achieve its main motto of establishing a sense of necessity in the Student Branches of IEEE Gujarat Section to start WIE affinity groups and work for the fellow and the society, hence fulfilling the global vision of IEEE WIE.

Akanksha Goyal

Chair WIE Nirma University, Gujarat Section, India



WIECON'12 Participants

IEEE R10 Student Branches News and Highlights

All India Student Congress 2012, Bangalore

The most popular IEEE student event in India, the All India Student Congress 2012 (AISC 2012) was organized at Bangalore Section on 28 – 30 September 2012 at Reva Institute of Technology and Management (RITM), Bangalore. The theme of the congress was “Empowering Students to Interact, Lead, Innovate & Inspire”. AISC 2012 was a conglomeration of some of the most vibrant and most vivacious minds of IEEE Student Branches from all over the country right from Delhi in the north to Kanyakumari in the south, Gujarat in the west to Kolkata in the east. The AISC provides a stage for SBs from across the nation to come together and share thoughts, ideas and the best practices, to learn and gain from each other, foster leadership growth and for students to interact with people and cultures from every corner of India. AISC 2012 was a roaring success with proud and satisfied participants and organizers.

AISC 2012 Highlights:

- 550 Registrations and 300+ recommendation via emails
- 200 Number of students participated with almost 1:1 boy:girl ratio
- 14 Sections & Sub Section participated
- 60 Student Branches participated
- 20+ Speakers from IEEE & Industry
 - Speakers from R10: Mr. Darrel Chong, Mr. Aby Kurian
 - 1 Speaker from India Council : M/s Prerna Kaur
 - 2 speakers from MGA: Mr. Prasanna Venkateshan and Mr. Gowtham Prasad
- 3 Keynotes speeches on Leadership, Innovation and Entrepreneurship
- Involvement of 20+ local senior IEEE volunteers and 75% from outside Bangalore Section
- 2 Competitions: Innovative Student Branch Competition, Ethics Skit Competition
- Rs 20,000 Cash Prize and more than 100 goodies and prizes given away
- 45 Student Volunteers from RITM with 6 volunteers in core organizing team
- 2 Cultural programs and unlimited dance and many birthday parties

- 3 days of ultimate networking, learning and fun!

DAY-1 (28 Sept) - AISC 2012 was formally **inaugurated** by Dr. V. K. Aatre, former Scientific Advisor to Ministry of Defense, Mr. Ramakrishna Kappagantu IEEE R10 Director-Elect 2013-14, Dr. Prerana Gaur, SAC Chair IEEE India Council, Dr. Rana Pratap Reddy, Principal REVA ITM, Bangalore, Mr. Hitesh Mehta, Chair IEEE Bangalore Section, Prof. Siva Reddy, SAC Chair IEEE Bangalore Section, Mr. Gowtham Prasad, IEEEExtreme Lead & AISC 2012 Organizing Committee Chair, RITM Management, Staff & students of Reva ITM and the enthusiastic AISC participants.

Inaugural keynote talk was delivered Dr. V. K. Aatre, which inspired the gathering and emphasized on the importance of technology & engineering in today's world and what Indian students have achieved globally and can aspire to achieve. Later Mr. Ramakrishna Kappagantu addressed the students and encouraged them to volunteer for IEEE. For the first time a live streaming session was arranged at AISC and Mr. Darrel Chong, MGA SAC Chair spoke from Singapore IEEE Office. He talked to students about latest updates from MGA SAC and how students can benefit from IEEE. It was followed by talk from Ms Prerna Gaur, India Council SAC.

Inaugural ceremony was followed up by ice breaking session, a networking/fun where participants mingled with one another to find answers to questions about other participants. The sessions after lunch included ‘Student Benefits, Awards, competitions and funding’ by Mr. Vishwas Jois, IEEE Bangalore Section and ‘Journey of a Student in IEEE’ by Mr. Gowtham Prasad KN, IEEE MGA SAC.

Remainder of the afternoon saw participants engaged in team building activity organized by Rakesh Biradar, GOLD Bangalore Section. The enthusiastic participants were divided into groups & given challenging and yet fun activities to do. Each group had 5 min to talk why they are proud of the state they come from and it called for a lot of interesting facts and excitement to be shared.

The first day ended with an explosive Cultural evening with 2 hours of non-stop dance performances and live band performances. Every single person in the auditorium couldn't help but dance to the tune.

Day-2 (29 Sept) - Second day started with keynote talk on innovation by Mr. Sudeendra Koushik, Chair Consumer Electronic Society, Bangalore Chapter. It was followed by the following sessions:

- ‘IEEE - A bigger Picture & Membership Retention’ by



Opening session of the All India Students Congress 2012

Mr. Prasanna Venkatesan, Board Member IEEE EAB.

- ‘Leveraging IEEE Xplore’ by Mr. Dhanu. P, Client Services manager, IEEE India Office.
- Parallel Track on IEEE Technical Societies
 - Track 1: Computer Society by Mr. Aditya Rao, MGAB - Computer Society and
 - Track 2: VLSI/COM SOC/Signal processing Society by Dr. T Srinivas, Chair Photonics Society & EXECOM COMSOC Society Bangalore Chapter
- ‘Student Branch Administration’ by Mr. Arjun Pillai - IEEE R10 SAC Team
- ‘Pursuing Research opportunities in India’ by Mr. Siddarth, Microsoft Research India and
- Parallel 1:1 mentoring by Indian Student Network Team for Sections who are interested to adopt the ‘Student Network’ model which was called GINI earlier.

IEEE Group Discussion activity was planned in the afternoon. About 20 handpicked debatable issues relevant to IEEE such as scenarios, benefits & key concerns were given to the groups to brainstorm. Some of the interesting topics were: IEEE and social needs, IEEE & networking, how to overcome challenges from the College Management, Marketing IEEE the right way etc. Some key ideas discussed were provided as input to India Student network team to convert them to actionable items.

Two interesting competitions were organized:

1. **Innovative Student Branch Competition** - SBs were asked to submit their nominations prior to the congress, and the best nominations of the India’s most vibrant Student Branches were selected to present how innovative are they in their approach and activities. Winners were Delhi Technological University and Dhirubhai Ambani Institute of Information and Communication Technology.

Ethics Skit Competition - Engineering & Human Ethics are two extremely valuable practices that keep the spirits high & making the world a better place. Teams had to be formed with students from minimum 2 different Sections. Teams were asked to enact a small skit emphasizing social values and what can an individual do to bring about a change. With just few hours of practice the teams gave the gathering a fabulous performance that put the judges in a

very difficult position to declare the winners. Competition went a long way to reinforce the importance of ethics and doing the right things in our professional and personal life.

DAY-3 (30 Sept) - Final day started with keynote speech on Entrepreneurship by Mr. Ashutosh Lawani a co-founder of Myntra.com. Being a young Engineering graduate with high ambition opens a door of infinite opportunities of taking up an idea from discussions to papers to the markets. With this view Mr. Ashutosh Lawani shared his entrepreneurship story about starting the largest online fashion store business in India. He shared his story of success and also encouraged the students to take-up entrepreneurship as a career option. The session was very interactive and students had many questions which were answered very well.

It was followed by the sessions on:

- IEEEExtreme 6.0 by Mr. Gowtham Prasad K N & Srikanta P, IEEEExtreme, MGA SAC
- ‘R10 SAC updates’ by Mr. Aby Kurian, R10 RSR
- Career Progression talks by
 - Mr. Rakesh Godhwani, IIM B
 - Mr. Viswanath Poosala, Bell Labs
 - Mr. Bala Girisaballa, Yahoo
- Career & Skills by Mr. Ravikiran, Vice Chair Bangalore Section and Entrepreneur

AISC 2012 was concluded with a valedictory ceremony. It involved AIYEHUM Award ceremony, thanking note by the Organizing team, a quick video of ‘memories of AISC 2012’ and attendee experience sharing session. It was a very touching moment when student volunteers got a standing ovation from the participants. With new friendships created, new bridges built and new ambitions in eyes, participants started back to their cities. Overall AISC 2012 was a great success and set new benchmark.

Gowtham Prasad K N (gowthamk@ieee.org)
Organizing Chair, AISC 2012



Participants of the AISC 2012

IEEE GIKI Student Branch Chapter

Pakistan Student/GOLD/WIE Congress 2012

Ghulam Ishaq Khan Institute of Engineering Science and Technology (GIKI) IEEE Student Chapter was honored and delighted to host the Pakistan Student Congress 2012. Scores of students from different universities and numerous other IEEE Chapters and Student Branches stretching as far away as Quetta and Karachi came to GIKI to compete, discuss, share and enjoy the many activities and opportunities IEEE Pakistan had in store for them. It could be said that this event was definitely one of the major highlights of IEEE in Pakistan this year.

This event could not have been possible without the assistance provided by distinguished GOLD and WIE IEEE members. More importantly, it could not have been possible without our highly dedicated IEEE-GIKI Student Body which day-and-night did their very best to make this event a success.

The many events and seminars at PSC 2012 included Pakistan WIE Forum (WIE), Mission To Progress (WIE), WIE Video Contest (WIE), IEEE802.11n Seminar (GIKI), Race to Innovation (GIKI), Programming Contest (GIKI), Project Exhibition (GIKI), Making Your \$27 Worth (WIE), Entrepreneurship Talk (GOLD), Engineering For Change (GOLD), Social Innovation Contest (GOLD), Humanitarian Contest (GIKI), Leadership Workshop (GOLD), Website for Dummies (WIE), The Essence of Volunteerism (WIE), 2G/3G/4G Workshop (GOLD), GOLD Poster Design Workshop (GOLD), Microsoft Windows 8 & Career Development (GIKI), Social Entrepreneurship Hackathon (GOLD), Sky Rocket Design Competition (WIE), Scholarships for Higher Studies (GIKI) and Theme Talks (GIKI).

One of the highlights of PSC 2012 was the All Branch Chairs Meeting that was held in the grand conference hall. In this meeting Branch Chairs and other representatives of IEEE Chapters discussed the many problems and hurdles that they had to go through to execute almost any event or initiative. Not only that, they discussed how to solve these problems effectively and smoothly. The main points in the agenda were the presence of Pakistan in global IEEE,

membership recruitment and retention, finances and fundraising, committee structures of IEEE Affinity groups, affiliation and collaboration with the industry and other IEEE Student Branches, utilization of IEEE resources and reporting and publications. What everyone agreed upon was the need for increased collaboration between Student Branches and Chapters so that IEEE in Pakistan could be recognized at an international scale. At this meeting, an annual activity/event calendar was also conjured.



Three days of competition, discussion, debate and enjoyment culminated in the closing ceremony where the Chief Guest of Honor was our former Rector of GIKI, Dr. Shaukat Hameed Khan. The event was also proceeded by Dr Nisar Ahmed, Dean of Faculty of Electronic Engineering, Prof. Dr Fazal Ahmed Khalid, Pro-Rector of GIKI. IEEE-GIKI President, Usman Mushtaq, and Vice Chair External Relations, Muhammad Ahsan Farooqui, were also present on the occasion. Heart-warming videos of students around Pakistan were played; depicting the zeal and passion by which these students, despite all odds, achieved unprecedented milestones in their life. The participants and chief guests broke into loud applause when the video ended with a clip of deceased Arfa Karim singing “Yeh watan tumhara hai”. The winners of all the events held in the last three days recieved their awards and certificates from the Guest of Honor.

Muhammad Ahsan Farooqui
Student Representative, IEEE Islamabad Section



Pakistan Student/GOLD/WIE Congress 2012 Organising volunteers with the distinguished guests and faculty members.

IEEE BUET Student Branch, Bangladesh
The International Robotics Challenge
Bangladesh 2012

The grand event of International Robotics Challenge (IRC), Bangladesh 2012 took place on 05 Nov, 2012 at the central gymnasium of Bangladesh University of Engineering & Technology (BUET). The day long program was organized by the IEEE Student Branch of BUET in collaboration with IIT Bombay and Techfest 2012-13. Dr. Delwar Hossain, Director of Student Welfare at BUET inaugurated the ceremony as the chief guest, while professor Dr. S. K. Pal, Fellow of IEEE and former Director of Indian Statistical Institute graced the ceremony as the special guest. Also present were Professor Dr. Shahidul Islam Khan, Counselor of IEEE BUET Student Branch and Professor Dr. Pran Kanai Saha, Chair of IEEE, Bangladesh Section and Head of the Department of EEE, BUET. They were accompanied by Dr. Anwarul Fattah, Vice Chair of IEEE, Bangladesh Section, Dr. Celia Shahnaz, Chair of WIE, Mr. Upal Mahbub, Chair of IEEE GOLD Bangladesh Chapter, Mr. Mohammad Asif Zaman, Treasurer of IEEE Bangladesh Section, Mr. Sajid Muhaimin Choudhury, Student Activities Chair and Mr. Shuvro Chowdhury, Treasurer of IEEE GOLD.

The platinum sponsor of this event was Bangladesh Computer Council (BCC). They provided both financial and technical support for the event. IEEE Bangladesh Section was the co-sponsor while international news broadcasting company ATN news and renowned FM radio channel ABC Radio were the media partners.

The challenge was divided into three rounds for all the teams. A total of 7 teams took part in the competition. They were 'BUET Skull', 'ERFinder', 'No Chance' and 'Dreambox' from BUET; 'Isometric' from Islamic University of Technology (IUT), 'Smart Security Robot' from University of Asia Pacific (UAP) and 'Kakra' from Rajshahi University of Engineering and Technology (RUET). The challenge for each team was to perform a complicated task by two robots, one manually controlled and the other autonomous. The duty of the manually controlled robot was to carry the autonomous bot to the competition arena. The autonomous bot had to run along a grid that had some 'no crossing' nodes to find the intruder block. It then had to carry the block back to the manual robot and collect the key block from the key transfer zone. Finally, the autonomous bot had to carry the key block to the key block placement point to complete the challenge. The task was divided into two phases – in the dry run phase the autonomous bot runs through the grid and make a memory map of the routes as well as the key transfer zone, while in the final run the it has to complete the challenge flawlessly.

The team named 'BUET Skull' crossed all the four checkpoints successfully to complete the challenge and becoming the champion of the International Robotics Challenge Bangladesh 2012. 'Isometric' from IUT was the runner up by completing the first two checkpoints. The team members of the champion team were Md. Jahidul Islam, Alif Ahmed and Md. Mahfuzul Islam. While, the team members of the runner-up team were Mashnur Rashid, Abu Shahid Sujon, Nazmus Sakib and Mir Shahrulk Islam.

In addition to the robotics challenge a Sudoku contest was held to encourage the spectators of IRC BD 2012 towards

logical thinking. Pritom Majumder from EEE, BUET was the first prize winner in Sudoku and Mashad Uddin Saleh won the second prize. Also, in the WIE corner, Women in Engineering (WIE) of IEEE Bangladesh Section showcased its objectives, achievements, ongoing projects and upcoming events.



Students from many different universities and schools came to witness this first ever regional contest of an international competition held in Bangladesh. In the closing and prize giving ceremony Md. Nazrul Islam Khan, Secretary, Ministry of Information and Communication Technology (ICT), Peoples Republic of Bangladesh graced the occasion as the Chief Guest and Dr. Jnanendro N Biswas, Additional Secretary and Executive Director, Bangladesh Computer Council (BCC) was present as special guest. Among other guests Mr. Shyama Prasad Bepari, Joint Secretary (ICT) of Ministry of ICT, Engr. Mohammad Enamul Kabir, Secretary of BCC, executive committee members of IEEE including Section Chair, Vice Chair, Counselor and other key personnel and a number of faculty members from numerous engineering universities of Bangladesh were present in the closing ceremony. Starting from the motivation and background of IRC Bangladesh, 2012 the extensive effort of the IEEE volunteers and excellent support from the sponsor were portrayed in the speeches of the closing ceremony. Also the future of Bangladesh in robotics was discussed and the governments' encouraging steps towards the promotion of ICT were acknowledged. In the prize giving session, the team members of the champion and the runner-up of this contest were awarded medals, certificates and the round trip airfare expenses to attend the grand finale of IRC at Techfest 2012-13, IIT Bombay, India on 03 - 05 January where they will compete against teams from India, Thailand, Sri-Lanka, Indonesia, UAE and Pakistan.



Upal Mahbub
Organizer, IRC Bangladesh 2012
Chair, GOLD Affinity Group, IEEE Bangladesh Section
Assistant Professor, Dept. of EEE, BUET

IEEE Calcutta University Student Branch

Celebration of Indian National Science Day

IEEE Calcutta University Student Branch celebrated the Indian National Science Day on June 28, 2012 as a joint organiser with the IEEE Photonics Society Calcutta Chapter. The National Science Day in India is celebrated on 28 February every year, however due to some unavoidable circumstances the SB celebrated it at a later date this year.



In order to create an interest in science and technology students of different schools were invited to participate in this event. This year, for the first time, it was organized outside the Calcutta University premises at the Ashokenagar Banipith Girls' High School in North-West Bengal. Such outreach programs in schools help to spread the science and technology awareness to students residing in remote villages. After a formal inauguration two lectures were delivered by Branch Councilor Prof N. R. Das and a senior teacher Prof. P. K. Base about basics of electronics and Photonics at present. The student members/volunteers demonstrated different simple experiments illustrating the topics which are taught in schools. Such experiments inducted interests among students and is expected to help them understand the theory very easily. Experiments were primarily based on properties of light, sound and electricity. Students also got the opportunity to handle electrical components (resistors, diodes, capacitors), LEDs, lasers, optical fibers and understand their properties and applications. Some advanced projects were shown for entertainment as well as to develop curiosity among them. These include rain alarm, and propagation of sound through optical fiber, quiz circuit etc. The interest, participation and enthusiasm of the students were noteworthy. The Student Branch is encouraged to reach out and hold more events in other schools.



A member of the Student Branch demonstrating Rain water alarm model

Prof. Nikhil Ranjan Das, FIETE, SMIEEE
IEEE C. U. Student Branch Councilor



Supremacy of R10 Continues

Once again, our students in the Asia Pacific are bringing pride and delight to the region. IEEEExtreme is a global challenge in which teams of IEEE student members – supported by an IEEE Student Branch, advised and proctored by an IEEE Member – compete in a 24-hour time span against each other to solve a set of programming problems. Keeping up the tradition of strong performance by R10 student teams in this competition, we again outclassed more than 1,900 teams worldwide to take first and several other positions among the top 10 teams in the competition this year.

Teams from Region 10 took 4 out of the first 10 spots. Total of 1,941 teams worldwide participated. The top spot went to team Dongskarpedongi from Insitut Teknologi Bandung, Indonesia.

These are the world ranking of the teams from Region 10 that made it to the top 25 teams.

1. Dongskarpedongi from the Insitut Teknologi Bandung, Indonesia
3. Meeyo from the University of Moratuwa, Sri Lanka
8. Engineer3 from the University of Auckland, New Zealand North
9. Selachimorpha from the University of Moratuwa, Sri Lanka
11. Twilight Sparkle from the Australian National University, Australian Capital Territory (ACT) Australia
12. Rainbow Dash from the Australian National University, Australian Capital Territory (ACT) Australia
13. CUPcake from the University of Chulalongkorn, Thailand

Congratulations to R10 Student Branches, proctors and SB Counsellors for their support to their students in entering this competition and making this another successful year at the IEEE XTREME Programming competition. Well Done!!

Join IEEE as a Student member

(Click above for the link to the IEEE website)

IEEE opens the door to opportunities that will help you develop your professional identity in IEEE's designated fields of interest: sciences, technology, engineering, and mathematics (STEM). In addition to accessing a range of membership benefits, you'll make global connections with people who can help you along your targeted career path through IEEE's international community of members and volunteers.

IEEE RUET Student Branch, Bangladesh

First IEEE Bangladesh Section Student/GOLD Congress

IEEE RUET Student Branch organized first ever Student and Gold Congress in Bangladesh this year. It was held on 20th to 22nd of September at Rajshahi University of Engineering & Technology (RUET). All Student Branches and GOLD members were invited to attend the congress. A good number of them took part at the Congress with great enthusiasm and interest. It offered an opportunity for all IEEE student members to know each other, learn about the recent advancement in technologies and discuss the future initiatives of Bangladeshi Student Branches.

The first day of the congress started with registration. It was followed by opening addresses. Vice Chancellor of RUET Professor Dr. Sirajul Karim Choudhury attended as the chief guest. Congress Chair K. M. Nasim presided the opening ceremony while counselor Dr. Muhammad Abdul Goffar Khan and advisor Dr. S. M. Abdur Razzak were also present. The Vice Chancellor expressed his support about the activities of the Student Branch and promised to give logistic and financial support in future in his formal discourse. The first day's schedule covered a workshop from Intel based on their current technology in processor designing, IT quiz and ice breaking session for the participants.

The second day's activities started with refreshment and the first session was Micromouse contest and the Gaming contest. In the micromouse contest a team from BUET became triumphant while a team from RUET secured the runner up position. Second day's next activity was a group of talks. The most enjoyable part of second day's schedule was the formal dinner held at a prominent restaurant of Rajshahi.

The activities of the last day began with career focused seminars. In the afternoon the closing ceremony took place. It was comprised of closing remarks, a cultural program and finally a city tour.

The participants enjoyed a great time at the congress. Certainly it was a wonderful experience and huge opportunity for student and GOLD members across the country.



K. M. Nasim
Chair, IEEE RUET Student Branch

IEEE SB Vaagdevi College of Engineering, India

National Student Professional Awareness Congress'2012 (NSPAC'12)

The Congress was organized on 7 - 8 September 2012. The main aim of the congress was to motivate students about IEEE and in particular aware the students about the Student Section Congress (SSC'12), the Annual Student Congress of the Section. As per plan all the required arrangements were made before day to accommodate 350 students from and around 10 colleges of the district for the two day congress.



The event was convened by Dr. Amit Kumar, Secretary IEEE Hyderabad Section and Prof. DVSS. Siva Sarma, Chair PES Society, IEEE Hyderabad Section. A brief talk on IEEE was presented by the PES Chair and a session on Bioinformatics and its uses was presented as the first major guest lecture by Dr. Amit Kumar. Post lunch on the first day was followed up by technical events and informals for the students.

The second day of the congress began with a guest lecture by Dr. Syed Musthaq Ahmed Chairman Students Activities, IEEE Hyderabad Section. The main aim of the session was to give comprehensive information about IEEE, its benefits, scholarships, journals, The Spectrum magazine and other publications. The session was then followed by another guest lecture by Dr. V. N. Mani, Scientist-E, CMET on the fabrication of Integrated Circuits. The third technical session of the day was by Mr. Y. Laxminarayana, INEDA Systems. The post-lunch session also comprised of non-technical activities and events. The sessions were in such a way that it had major participation from students.

Finally the congress was concluded with a valedictory session that began with the feedbacks from the students, prize distribution and issuing of participation certificates.

A special mention about the new idea that was successfully implemented in the congress was that the ID cards and certificates were bar-coded by QR codes which were scanned for the dignitaries as well as students. It was very much appreciated by everyone.



Nagaraju Budidha, IEEE SB Coordinator
Vaagdevi College of Engineering, Hyderabad, India

IEEE Delhi Section SAC

Delhi Student Congress 2012

Delhi Student Congress 2012 was organised at Netaji Subhas Institute of Technology (NSIT) on 20th and 21st Oct 2012. The Delhi Section has realized the need of having an efficient networking structure in place to facilitates better performances by the Student Branches as well as an access to a cumulative pool of creative ideas. Such a network can strengthen a collaborative platform and improve industrial relations which may open diverse opportunities. A Student Committee comprising of representatives from all the SBs was required to serve these purposes. Thus the idea of holding a Delhi Student Congress'12 came into place.

The conference saw the participation of more than 100 students from around 25 Student Branches across the whole Delhi Section. The first session started with a warm welcome to the dignitaries and students by the IEEE NSIT Chairperson, Mr. Anshay Deshwar, where he detailed the aim of the congress and outlined the expectations from it. Chair IEEE Delhi Section, Dr. Shibin K. Koul addressed the students and motivated them to join IEEE with a technical presentation. Dr. Mini Thomas, Chair Membership Development explained the various aspects of how to retain membership and need to join societies. SAC IEEE Delhi Section and India Council, Dr. Prerna Gaur briefed the students regarding the concerns of IEEE problems and gave an interactive presentation which described the various facts regarding IEEE and its benefits. Chair, WIE Delhi Section, Dr. Rachna Garg, addressed the students regarding the IEEE WIE Affinity group, its aim and mission. This was followed by IEEE NSIT presentation given by Vice-Chair Mr. Ayush Gupta, where he tried to brief the students about the achievements of the new IEEE NIST, specially focusing on the amazing amount of record memberships growth at NSIT.

We had with us, honourable professor Dr. Sheel Aditya, from Nanyang Technological University, Singapore who visited the conference and conducted a session about the scope in higher education at the NTU, Singapore. This was followed by a team building activity that the students thoroughly enjoyed.

After the lunch, the conference moved towards the most important step - the next level evolution of IEEE Delhi Section Student Committee formation.

Under the guidance of Dr. Prerna Gaur, Mr. Vibhor Relhan,

SSR Delhi Section explained the need, benefits and the proposed structure of the committee to the participating students. The attending students, who had already been briefed about the process a week in advance through mails and a concerted effort by NSIT IEEE Vice-Chair Mr. Ankit Gupta, were asked to give their reviews and their suggestions for incorporation in order to make it a flexible and inclusive effort. The first day of the conference came to an end leaving students eager to attend the next round of interactive session.

On the second day, after welcoming some GOLD members including Mr. Ayush Jain and Mr. Abhishek Verma kindly joined the process to lend some experience and moderate the group discussion. The topics for the discussion were compiled on the basis of major problems mentioned by the students in the pre-meet registration form. Each group discussed and conveyed their views to the other groups, and thus we came up with a lot of solutions and ideas. After the lunch, Mr. Sandeep Mann, Board Member, Institute of Competitiveness, India conducted a session on personality development for the students. Later, we continued with the process of committee formation.

Once the structure was briefed, nominations were taken from all the branches for the Section Student Committee and the concept of formation of three different Groups was introduced. While every Student Branch was given a choice to choose their own group, certain guidelines had been set to help them make an informed choice. The 3 groups of 8 Student Branches each, came up with nominations of students who will be responsible for networking activities, managing collaboration platform and improving industrial relations for the corresponding group. The final candidates were chosen on the basis of mutual consent of all the SBs in that Group. Finally, we had a group of 9 selected candidates which will be now the part of the proposed Delhi Student Committee and strive to achieve specific goals of the Section under the leadership of the Delhi Section SSR and the SAC. The conference finally came to an end with a highly optimistic note, with a new hope for a better coordination among the Student Branches and the new relations which are now set up between the various students after the healthy interaction of 2 days.

Dr. Prerna Gaur

SAC IEEE India Council and IEEE Delhi Section



IEEE Student Branch DAICT, Gujarat, India Summer School 2012

The Summer School 2012 was organized by the IEEE Student Branch at DAICT, Gandhinagar, Gujarat, India. The first Summer School was organised by the IEEE SB DA-IICT in 2011. Summer School 2012 was a two week long workshop from 11th to 24th June. The main aim was to bring the budding engineers from all over India to a common platform so that they can learn to work with their fellow engineers and at the same time improve their technical skills. There were two tracks this year:

1. Web Development - Since the mid 1990s web development has been one of the fastest growing industries in the world. The aim of this track was to familiarize the participants with the next-gen web development technologies and techniques. Apart from basics like CSS and Database management, scripting languages like JavaScript and PHP were also discussed. Following topics were covered as part of this track:

- Advanced JS, JQuery, Introduction and Demonstration
- Advanced CSS
- PHP
- MySQL
- Basic CRUD in PHP MySQL
- Web Security etc.

2. Flash and Game Development - In this track the students have got to know about the various stages of Game Development, got familiar with various tools such as Flash, GameMaker, renderers like OpenGL, using Python and other languages for developing game graphics and much more. Flash and ActionScript are very helpful for developing games and special attention was paid to those topics. Following topics were covered as part of this track:

- Introduction to Flash and Action Script 3
- Graphics and Sound Aspect of the Game
- Familiarity with Game Maker

Lectures and talks formed an integral part of the Summer School. There were speakers from National Institute of Design, Adobe, Tata Communication Services Limited and other esteemed organisations. Some of the lectures were

held through Webinars. In a nutshell, participants received intensive instruction for 15 days and got an opportunity to interact with experts in the respective tracks.

The participants were divided into teams of three. They are instructed to come up with ideas for a web site or a game according to their tracks. These ideas were presented in the brain storming sessions in front of experts where the participants got feedback for their ideas and steps to refine their ideas and move ahead with their projects.

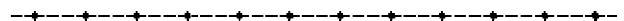
The lectures were followed by 2 to 3 hours of Lab-sessions every day to assist the participants with their projects. Teaching Assistants were employed to clear the doubts of the participants.



The final presentations were held on the last day and these were judged and evaluated by a panel of eminent design personnel. The presentations were followed by felicitation and award distribution ceremony. The top three teams in the Web-Development track were given cash prizes of Rs5000, Rs3000 and Rs2000 respectively and the top two teams from the Game Development track were given cash prizes of Rs7000 and Rs3000 respectively. The Game Development winners also won some goodies from Adobe.

Overall the participants were more than happy to learn many new things, make new friends and make their summer holidays productive. The feedback from participants also indicated that they will be looking forward for more of such events in the future.

Dr. Deepak Ghodgaonkar
Chair, IEEE Gujarat Section, India



Upcoming IEEE Conferences in Region 10

2013 IEEE International Geoscience and Remote Sensing Symposium (IGARSS) 21 - 26 July 2013

Conference Location: Melbourne, Australia

Sponsored by: IEEE Geoscience and Remote Sensing Society

Abstract Submission Deadline: 10 January 2013

Full paper submission deadline: 25 June 2013

www.igarss2013.org

2013 International Conference on Ultra Wide-Band (ICUWB 2013) 15 - 18 September 2013

Conference Location: Sydney, Australia (at The Menzies Sydney)

Sponsors: The Commonwealth Scientific and Industrial Research Organisation (CSIRO), Macquarie University, IEEE Microwave Theory and Techniques Society (MTT-S), NSW Trade and Investment

Technical Paper Submission Close: 8 March 2013

Website: www.ICUWB2013.org

2013 IEEE 9th International Colloquium on Signal Processing & its Applications (CSPA) 08 - 10 Mar 2013

Conference Location: Kuala Lumpur, Malaysia

Sponsored By: Malaysia Section CS Chapter

Abstract Submission Deadline: 27 Jan 2013

Final Paper Submission Deadline: 24 Feb 2013

www.asprg.net/cspa2013/

2013 International Conference on E-Technologies and Business on the Web (EBW) 07 - 09 May 2013

Conference Location: Bangkok, Thailand

Sponsored By: Thailand Section

Abstract Submission Deadline: 20 Mar 2013

Final Paper Submission Deadline: 30 Apr 2013

sdiwc.net/conferences/2013/ebw2013/

2013 Symposium on Photonics and Optoelectronics (SOPO) 23 - 25 May 2013

Conference Location: Beijing, China

Sponsored By: Photonics Society - PHO

Abstract Submission Deadline: 07 Jan 2013

Final Paper Submission Deadline: 07 Jan 2013

www.sopoconf.org/2013/Home.aspx

2013 ICME International Conference on Complex Medical Engineering (CME) 25 - 28 May 2013

Conference Location: Beijing, China

Sponsored By: Systems, Man, and Cybernetics Society - SMC

Abstract Submission Deadline: 15 Jan 2013

Final Paper Submission Deadline: 01 Mar 2013

<http://cme2013.ieee-icma.org/>

2013 IEEE 22nd International Symposium on Industrial Electronics (ISIE) 28 - 31 May 2013

Conference Location: Taipei, Taiwan

Sponsored By: Industrial Electronics Society - IE

Final Paper Submission Deadline: 30 Mar 2013

www.isie2013.org

2013 IEEE 7th International Power Engineering and Optimization Conference (PEOCO) 03 - 04 Jun 2013

Conference Location: Langkawi Island, Malaysia

Sponsored By: Malaysia Section PE Chapter

Abstract Submission Deadline: 25 Feb 2013

Final Paper Submission Deadline: 22 Apr 2013

<http://fke-uitm.com/peoco2013>

2013 IEEE International Conference of Electron Devices and Solid-State Circuits (EDSSC) 03 - 05 Jun 2013

Conference Location: Hong Kong, Hong Kong

Sponsored By: Electron Devices Society - ED, Hong Kong

Section ED/SSC Joint Chapter

Abstract Submission Deadline: 15 Jan 2013

www.polyu.edu.hk/feng/edssc2013/

2013 IEEE 17th International Symposium on Consumer Electronics (ISCE) 03 - 05 Jun 2013

Conference Location: Hsinchu City, Taiwan

Sponsored By: Consumer Electronics Society - CE, Taipei

Section CE Chapter

Abstract Submission Deadline: 28 Feb 2013

Final Paper Submission Deadline: 29 Apr 2013

<http://isce.ieee-cesoc.org/>

2013 ECCE Asia Downunder (ECCE Asia 2013) 03 - 06 Jun 2013

Conference Location: Melbourne, Australia

Sponsored By: Power Electronics Society - PEL

Abstract Submission Deadline: 21 Dec 2012

Final Paper Submission Deadline: 01 Apr 2013

<http://ecceasia2013.org/>

2013 11th IVMSP Workshop: 3D Image/Video Technologies and Applications 10 - 12 Jun 2013

Conference Location: Seoul, Korea (South)

Sponsored By: Signal Processing Society - SP

Abstract Submission Deadline: 10 Feb 2013

Final Paper Submission Deadline: 07 May 2013

www.ivmsp2013.org/

2013 IEEE International Interconnect Technology Conference - IITC 13 - 15 Jun 2013

Conference Location: Kyoto, Japan

Sponsored By: Electron Devices Society - ED

Abstract Submission Deadline: 28 Jan 2013

Final Paper Submission Deadline: 28 Jan 2013

www.his.com/~iitc/

2013 IEEE Communication Theory Workshop (CTW) 23 - 26 Jun 2013

Conference Location: Phuket, Thailand

Sponsored By: Communications Society - COM

Abstract Submission Deadline: 01 Apr 2013

www.ieee-ctw.org/2013/

2013 Twentieth International Workshop on Active-Matrix Flatpanel Displays and Devices (AM-FPD) 02 - 05 Jul 2013

Conference Location: Kyoto, Japan

Sponsored By: Electron Devices Society - ED

Abstract Submission Deadline: 12 Mar 2013

Final Paper Submission Deadline: 12 Mar 2013

www.amfpd.jp

2013 IEEE China Summit & International Conference on Signal and Information Processing (ChinaSIP)

06 - 10 Jul 2013

Conference Location: Beijing, China

Sponsored By: Signal Processing Society - SP

Abstract Submission Deadline: 10 Jan 2013

Final Paper Submission Deadline: 01 May 2013

www.ChinaSIP2013.org

2013 IEEE 14th International Conference on High Performance Switching and Routing (HPSR)

08 Jul - 11 Jul 2013

Conference Location: Taipei, Taiwan

Sponsor: Communications Society - COM

Abstract Submission Deadline: 10 Feb 2013

Final Paper Submission Deadline: 30 Apr 2013

www.ieee-hpsr.org/2013/

2013 IEEE/ASME International Conference on Advanced Intelligent Mechatronics (AIM)

09 - 12 Jul 2013

Conference Location: Wollongong, Australia

Sponsor: Industrial Electronics Society - IE, Robotics and Automation Society - RA

Abstract Submission Deadline: 20 Jan 2013

Final Paper Submission Deadline: 20 May 2013

www.aim2013.org

2013 10th International Conference on Service Systems and Service Management (ICSSSM) 17 - 19 Jul 2013

Conference Location: Hong Kong, China

Sponsor: Systems, Man, and Cybernetics Society - SMC

Abstract Submission Deadline: 01 Mar 2013

Final Paper Submission Deadline: 15 May 2013

www.rccm.tsinghua.edu.cn/icsssm/2013/

2013 IEEE 36th Annual Computer Software and Applications Conference (COMPSAC)

22 Jul - 26 Jul 2013

Conference Location: Kyoto, Japan

Sponsor: Computer Society - C

Abstract Submission Deadline: 20 Jan 2013

Final Paper Submission Deadline: 05 May 2013

<http://compsac.cs.iastate.edu/mainconference.php>

2013 32nd Chinese Control Conference (CCC)

26 Jul - 28 Jul 2013

Conference Location: Xi'an, China

Sponsored By: Control Systems Society - CS

Abstract Submission Deadline: 15 Dec 2012

Final Paper Submission Deadline: 30 Apr 2013

<http://ccc.amss.ac.cn/2013/en/>

2013 IEEE International Conference on Mechatronics and Automation (ICMA) 04 - 07 Aug 2013

Conference Location: Takamatsu, Kagawa, Japan

Sponsored By: Robotics and Automation Society - RA

Abstract Submission Deadline: 20 Mar 2013

Final Paper Submission Deadline: 01 Jun 2013

<http://2013.ieee-icma.org/Home/Home.aspx>

R10 Executive Committee 2012

Regional Director: **Lawrence Wong Wai Choong**

Email: l.wong@ieee.org

Past Regional Director: **Yong Jin Park**

Email: yjp@ieee.org

Director Elect: **Toshio Fukuda**

Email: fukuda@mein.nagoya-u.ac.jp

Secretary: **Darrel Chong**

Email: dchong@ieee.org

Treasurer: **Michael Ong**

Email: r10-treasurer@ieee.org

Vice-Chair of Technical Activities (Acting): **Deepak Mathur**

Email: deepakmathur@ieee.org

Vice-Chair of Membership Activities: **Kukjin Chun**

Email: kchun@snu.ac.kr

Awards & Recognition Committee Chair: **Takatoshi Minami**

Email: taka.minami@jp.fujitsu.com

Conference & Technical Seminar Coordinator:

Borhanuddin Mohamed Ali

Email: Borhan@eng.upm.edu.my

Educational Activities Coordinator: **Supavadee Aramvith**

Email: supavadee.a@chula.ac.th

Electronic Communications & Information Management

Coordinator: **Jing Dong**, Email: jdong@nlpr.ia.ac.cn

Assisted by: **Hui Zhang**, Email: zhanghui@nlpr.ia.ac.cn

GOLD Coordinator: **Timothy Wong**

Email: timothy.wong@ieee.org

Humanitarian Technology Activities Coordinator: **Deepak Mathur**

Email: deepakmathur@ieee.org

Industry Relations Coordinator: **Rajendra K. Asthana**

Email: rkasthana@gmail.com

Membership Development / Life Member Coordinator:

Hang-Bong Kang, Email: hbkang@gmail.com

Newsletter Editor Coordinator: **Zia Ahmed**

Email: r10-ecn@ieee.org

Professional Activities & History Coordinator: **Y.W. Liu**

Email: ywliu@ieee.org

Section/Chapter Coordinator: **Jhing-Fa Wang**

Email: wangjf@csie.ncku.edu.tw

Student Activities Coordinator: **Takao Onoye**

Email: onoye@ist.osaka-u.ac.jp

Student Representative: **Aby Kurian**

Email: abykurian@ieee.org

Women in Engineering Coordinator: **Takako Hashimoto**

Email: takako@cuc.ac.jp

Advisory Committee:

Teck Seng Low low_teck_seng@nrf.gov.sg

Jung Uck Seo juseo@ieee.org

Janina Mazierska j.mazierska@ieee.org

IEEE Asia Pacific Regional Headquarters:

Fanny Su & Ewell Tan

Email: ieeepo@pacific.net.sg

<http://www.ewh.ieee.org/ieee/apo/>