

R10 Director's Message

Dear Members of Region 10,

My term as Region 10 Director is about to end. It was truly a privilege to have served and I am very much obliged to all of you. During the past two years, I was able to reach better understanding of the reported findings in Region 10. Just before I was appointed to Region 10 Directorship, we all suffered from global economic crisis starting from September 2008. As the budget of the whole IEEE was reduced, we expected that all levels of IEEE activities would be greatly affected. When looking back now, Region 10 had no special relevance to this issue. We had solid membership growth during the past two years and the Region 10 membership as of September 2010 is 82,137, which is about 10% more than two years ago. Now the Region 10 membership accounts for 27% of the whole IEEE members.



There were also significant events in Region 10. One of them was the 125th Anniversary of IEEE in 2009. We had three official anniversary events, which were held in Bangalore, Beijing, and Tokyo under the support of IEEE Headquarters. Those events were successfully held and assisted to increase IEEE visibility in those countries. Especially, at the event in Bangalore, about 700 participants got together and a number of distinguished guests were invited, including APJ Abdul Kalam, former President of India as well as John Vig, the President of IEEE. There was also the 125th Anniversary R10 Student Congress in Singapore. It was four days congress with various appealing programs, and around 120 student volunteers participated, including delegates from all over the world and IEEE Past President Lewis Terman.

During the past two years, the efforts of our EXCOM members achieved great results together with all Region 10 Sections' contribution. There were Region 10 GOLD Congress in Bangalore and ten technical seminars in various cities in our region. The Section and Chapter Coordinators toured China, Korea, and Japan to promote and encourage Section/Chapter activities. Not only twelve Subsections and one Section were created but also 109 new Chapters were established. A lot of new Student Branches were formed and the number of Student Branches grew to 711, which is also the largest in the world. 104 Fellows were elevated from Region 10.

TENCON 2009 was held in Singapore and TENCON 2010 in Fukuoka. TENCON 2010 was held in Japan for the first time in its long history and had about 500 participants. The special panel discussion "How to Build Women's Career Studying in Asian Countries" invited Asian leading women engineers and obtained a high popularity. I highly appreciate the efforts of the TENCON 2010 Organizing and Program Committee members, especially Organizing Committee Chair Professor Keiichiro Araki.

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Upcoming IEEE Conferences in Region 10

One of efforts the Region 10 Past Director Janina Mazierska made was to send more Region 10 members to IEEE Headquarters Committees. I followed the same effort, because relatively a small number of Region 10 members have been assigned to them in comparison with the number of our membership. The remarkable news is that Mini Thomas, former Region 10 Student Activity Committee Chair, was elected to MGA Vice-Chair Member Development and Ramalatha Marimuthu, former Region 10 WIE Coordinator, to IEEE WIE Chair.

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Encouraging news is that Region 10 Student Branch teams accounted for four and two places of the top five in IEEE Xtreme Programming Competition 2009 and 2010, respectively. It is a global 24 hours online competition where around 700 Student Branch teams from 40 countries solve a challenging set of programming problems.

The voting percentage of Region 10 for 2010 IEEE Election was 19.9%, which was the highest among all the regions. I would like to congratulate Prof Toshio Fukuda on being elected to 2011-2012 Region 10 Director-elect.

The last beneficial news that I'd like to share with you is the opening of IEEE India Office in Bangalore in October 2010 and expansion of Singapore Office operations with relocation of its office in November 2010. These opening ceremonies were attended by IEEE President Pedro Ray who congratulated new establishment. Next year IEEE Tokyo Office will be open and the total IEEE Office in Region 10 will be four, including China Office in Beijing opened in 2007. These offices are expected to contribute much more to the development and promotion of IEEE activities in our region. In addition, we will be able to see the new Region 10 Logo, whose contest was just held and the result will be announced soon.

In closing, I once again would like to stress that I profoundly appreciate all support and contribution from the volunteers in Sections and Chapters during the past two years. I also express my sincere gratitude to Region 10 EXCOM members for their endeavors and especially to the Past Region 10 Director Janina Mazierska for her support and advice. I am sure you will give the same support to the incoming Region 10 Director Lawrence Wong.

I wish a Happy New Year in 2011 to you and your family.

Yong-Jin Park

Region 10 Director (2009-2010)



IEEE News and Highlights

IEEE ELECTION 2010 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 2010 Annual Election for the posts of the IEEE President-Elect and the Region 10 Director-Elect.

IEEE President-Elect 2011



Gordon W. Day

Joe Lillie and Gordon Day were nominated by IEEE Board of Directors as candidate for the position of IEEE President-Elect 2011. Gordon Day was the successful candidate. The voting results are:

Gordon Day 27,615 votes
Joe Lillie 17,341 votes

Congratulations Prof. Day!

Region 10 Director-Elect 2011-12



Toshio Fukuda

All three candidates for R10 Director-Elect 2011-12 were nominated by Region 10. Professor Toshio Fukuda received the highest number of votes and thus elected as the Region 10 Director-Elect for 2011-12.

Region 10 Votes

Jose (Joe) B. Cruz, Jr. 1,196
Toshio Fukuda 4,756
Ramakrishna Kappagantu 3,105

Congratulations Prof. Fukuda!

Highest Voting from Region 10

Dear IEEE Friends,

Results of the 2010 IEEE Elections have been computed. The voting from Region 10 was 19.9% this year, which was the highest among all the Regions, whereas the regional average was 15.44%. I highly appreciate all of you for your active participation in the 2010 Election.

At the last Region 10 Annual Meeting I promised bonuses for Sections with the higher voting percentages. The winners of the bonuses are as follows:

Highest Voting Percentage: Philippines Section (40.7%),
2nd Highest Voting Percentage: Calcutta Section (32.4%)
3rd Highest Voting Percentage: Kharagpur Section (32.2%).

The above Sections will receive \$500, \$300, and \$200, respectively.

Congratulations to members of Philippines, Calcutta, and Kharagpur Sections!

I would sincerely hope that we continue to see this high voting percentage in Region 10 in the 2011 Elections too.

Yong-Jin Park

Region 10 Director 2009-2010

IEEE Introduces IEEE Technology News

Looking for Editors

IEEE Xplore currently includes nearly 3 million articles; and 200,000 articles are added annually. How can anyone know what is worth reading among those articles? Well, IEEE Technology News will help. It will bring to IEEE members and the global community the top 1000 of the most interesting, timely, and newsworthy articles.

A beta version of IEEE Technology News is available now. It is a web-based publication which is also viewable on mobile devices. It will provide its subscribers with condensed versions of about 20 newly-posted articles each week – with links to the full articles in IEEE Xplore. The condensed versions are in layman's language so that nonspecialists, students, news media reporters, etc. will be able to understand them.

IEEE Technology News is advertiser supported. It is free; anyone may subscribe – at www.ieeeTechNews.org. Please subscribe and provide feedback to the volunteers behind this new publication.

John Vig, 2009 IEEE President, conceived the idea and took the lead in developing it with the assistance of fellow volunteers Anil Roy (India) and Gus Gaynor (USA). They brought together IEEE Publications, Technical Activities, Spectrum, and other staff and volunteers to brainstorm, develop a proposal and plan for the launch of IEEE Technology News. This effort included receipt of a \$25,000 Seed Grant from the IEEE New Initiatives Committee (NIC) in May 2010 followed by a Phase II NIC proposal for full-funding.

IEEE surveys show that “remaining technically current” is the number 1 reason for joining IEEE. In today's global economy IEEE Technology News offers a channel for not only keeping abreast of one's own discipline but also for gaining an understanding of other technologies.

Content is derived from IEEE's more than 500 conference proceedings and 800 journal issues published annually. To guarantee quality, the articles will go through a four-stage process: the appropriate papers will be selected by volunteer associate editors, the condensed versions will be written by professional technical writers, the condensed versions will be edited by a technical editor, and a final review will be performed by the IEEE Technology News Editor-in-Chief. An Editorial Board of nine people under the leadership of the Editor-in-Chief will be responsible for meeting the goals and guiding operations.

Associate editors are needed for selecting the articles to be condensed. If you are a technical expert, preferably an IEEE Fellow, who regularly reads IEEE publications, please apply to be an associate editor, include a brief statement of qualifications, and specify the publication(s) you are willing to cover. The job is easy; i.e., when you read a new article that is especially interesting, important or newsworthy, send a message to TechNews@ieee.org, identify the article, and include a short explanation as to why the article is worthy of inclusion in IEEE Technology News.

The Editorial Board looks forward to launching IEEE Technology News in 2011. Beta testing is projected to begin in early 2011. For a preview, please visit, and subscribe at www.ieeeTechNews.org on your computer or mobile device. Comments and applications for associate editor may be sent to TechNews@ieee.org.

IEEE SEEKING NOMINATIONS

Nominations are being sought for 2012 IEEE medals, awards, recognitions, and prize papers. The deadline for the IEEE Board of Directors to receive nominations is **1 July 2011**.

IEEE Medal of Honor - *For an exceptional contribution or an extraordinary career in the IEEE fields of interest.*

Sponsor: IEEE Foundation

IEEE Alexander Graham Bell Medal - *For exceptional contributions to the advancement of communications sciences and engineering.*

Sponsor: Alcatel-Lucent Bell Labs

IEEE Edison Medal - *For a career of meritorious achievement in electrical science, electrical engineering, or the electrical arts.*

Sponsor: Samsung Electronics Co., Ltd.

IEEE James H. Mulligan Jr. Education Medal - *For a career of outstanding contributions to education in the fields of interest of IEEE.*

Sponsors: The Mathworks, Inc., National Instruments Foundation, Pearson Education, Inc., and the IEEE Life Members Committee

IEEE Medal for Environmental and Safety Technologies

For outstanding accomplishments in the application of technology in the fields of interest of IEEE that improve the environment and/or public safety.

Sponsor: Toyota Motor Corp.

IEEE Founders Medal - *For outstanding contributions in the leadership, planning, and administration of affairs of great value to the electrical and electronics engineering profession.*

Sponsor: IEEE Foundation

IEEE Richard W. Hamming Medal - *For exceptional contributions to information sciences, systems, and technology.*

Sponsor: QUALCOMM, Inc.

IEEE Medal for Innovations in Healthcare Technology

For outstanding contributions and/or innovations in engineering within the fields of medicine, biology, and healthcare technology.

Sponsor: Engineering in Medicine and Biology Society

IEEE Jack S. Kilby Signal Processing Medal - *For outstanding achievements in signal processing.*

Sponsor: Texas Instruments, Inc.

IEEE Jun-ichi Nishizawa Medal - *For outstanding contributions to material and device science and technology, including practical application.*

Sponsors: The Federation of Electric Power Companies, Japan, and the Semiconductor Research Foundation

IEEE Robert N. Noyce Medal - *For exceptional contributions to the microelectronics industry.*

Sponsor: Intel Foundation

IEEE Dennis J. Picard Medal for Radar Technologies and Applications - *For outstanding accomplishments in advancing the fields of radar technologies and their applications.*

Sponsor: Raytheon Co.

IEEE Medal in Power Engineering - *For outstanding contributions to the technology associated with the*

generation, transmission, distribution, application, and utilization of electric power for the betterment of society.

Sponsors: IEEE Industry Applications, Industrial Electronics, Power Electronics, and the Power & Energy Societies

IEEE Simon Ramo Medal - *For exceptional achievement in systems engineering and systems science.*

Sponsor: Northrop Grumman Corp.

IEEE John von Neumann Medal - *For outstanding achievements in computer-related science and technology.*

Sponsor: IBM Corp.

IEEE/RSE Wolfson James Clerk Maxwell Award - *For groundbreaking contributions that have had an exceptional impact on the development of electronics and electrical engineering or related fields.*

Funded by: Wolfson Microelectronics PLC

IEEE Honorary Membership - *For meritorious service to humanity in IEEE's designated fields of interest.*

Sponsor: IEEE

IEEE CORPORATE RECOGNITIONS

IEEE Corporate Innovation Recognition - *For outstanding and exemplary contributions by an industrial entity, governmental or academic organization, or other corporate body, which have resulted in major advancement of electrotechnology.*

Sponsor: IEEE

IEEE Ernst Weber Engineering Leadership Recognition - *For exceptional managerial leadership in the fields of interest to the IEEE.*

Sponsor: IEEE

IEEE SERVICE AWARDS

IEEE Richard M. Emberson Award - *For distinguished service to the development, viability, advancement, and pursuit of the technical objectives of the IEEE.*

Sponsor: IEEE Technical Activities Board

IEEE Haraden Pratt Award - *For outstanding service to the IEEE.*

Sponsor: IEEE Foundation

IEEE PRIZE PAPERS

IEEE W.R.G. Baker Award - *For the most outstanding paper reporting original work published in any IEEE archival publications (such as transactions, journals, and letters), magazines, or proceedings.*

Sponsors: IEEE Circuits and Systems, Communications, Control Systems, Information Theory, Power & Energy, Signal Processing, and Vehicular Technology societies

IEEE Donald G. Fink Award - *For the outstanding survey, review, or tutorial paper in any of the IEEE transactions, journals, magazines, or proceedings.*

Sponsor: IEEE Life Members Committee

For more information, visit the Awards Web site or contact IEEE Awards Activities, 445 Hoes Lane, Piscataway, NJ 08855-1331 USA

Tel.: +1 732 562 3844; fax: +1 732 981 9010;

e-mail: awards@ieee.org.

Remember closing date for nominations is 01 July 2011.

IEEE Assembly Announces 2011 Corporate Officers/MGA Assembly Selections

The IEEE Assembly annually selects the following five Corporate Officers: IEEE Secretary, IEEE Treasurer, IEEE Vice President, Educational Activities, IEEE Vice President, Member and Geographic Activities, and IEEE Vice President, Publication Services and Products. All officers are one year terms.

Howard E. Michel was selected as 2011 IEEE Vice President, Member and Geographic Activities. Additionally, the following individuals were selected by the MGA Assembly to the 2011 MGA Board.

2011 MGA Treasurer - Robert L. Anderson - Calgary, AB, Canada

2011 MGA Vice-Chair - Geographic Unit Operations - Babak D. Beheshti - Bethpage, NY, USA

2011 MGA Vice-Chair Information Management - Bob Parro - Rockford, IL, USA

2011 MGA Vice-Chair Member Development - Mini Shaji Thomas - New Delhi, India

2011 MGA Vice-Chair Strategic Management and Analysis - John R. Reinert - Colorado Springs, CO, USA

Would You Like to Connect to Researchers in Your Field?

Dear Friends,

One thing definitely missing from the IEEE Region 10 Newsletter is news about the research activities in the region which can add some prestige to the newsletter and make it really worth reading. I want R10 newsletter to provide a platform to connect researchers working in similar fields as they face problems/challenges that are common in the regional countries, such as funding and facilities. I have tried to encourage members to showcase their research programs via this newsletter but so far I have not received any response. I believe the newsletter can facilitate formation of regional research networks, which can then lead to regional collaborations under the banner of IEEE R10 and thus create opportunities for joint research programs and exchange of students. It may be a dream but I think it is worth giving a thought that may prove to be a positive move one day.

An article in this issue by IEEE Student Member Sheikh Izzal Azid, from The University of the South Pacific, Suva, Fiji, is a good example of how to report research projects in the newsletter without being too technical.

Your feedback and suggestions and more importantly your submission about research projects at your institutes will be much appreciated.

Editor
R10-ecm@ieee.org

Tributes to Professor Yong-Jin Park

Region 10 Director 2009 - 2010

Professor Park will be completing his term as R10 Director at the end of 2010 and on this occasion his IEEE colleagues pay tributes for his contribution 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.

Editor

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From Pedro Ray, IEEE President 2010

Dear YJ,

Congratulations on a very successful tenure as the IEEE Region 10 Director. Under your leadership, the membership in Region 10 continues to grow, continuing a long multi-year trend. Region 10 is one of the fastest growing of all the ten IEEE geographic regions and accounts for more than one-fifth of all IEEE members and more than 25 percent of all Student Members. In addition, IEEE is continuing its attention on the Region through the opening and expansion of local IEEE offices. Your energy and enthusiasm have inspired many throughout the Region and IEEE worldwide and your loyalty and avid support of IEEE are much appreciated by all who know you and work with you.

Sincerely,

Pedro Ray
2010 IEEE President and Chief Executive Officer

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From John Vig

Dear YJ:

Thank you for your continued support for IEEE and especially for your role as IEEE Region 10 Director these past two years. Being a volunteer in IEEE is not an easy task, but it is one that brings great rewards both to the individual and the organization.

Your leadership has helped enhance even more the reputation of Region 10 and added to its legacy as one of the most dynamic organizations within IEEE. I'm especially pleased that you introduced on the Region 10 executive committee the position of Humanitarian Technology Challenge coordinator. Region 10 was the first to emphasize this area, with the coordinator now playing a major role in IEEE humanitarian activities. YJ, IEEE is fortunate to number you among its most ardent supporters and accomplished leaders.

With best wishes,

John Vig
2010 IEEE Past President

From James Prendergast

Dear YJ:

As you complete your tenure as the IEEE Region 10 Director and Delegate, I wish to thank you for your contributions to the achievements of the IEEE Board of Directors and for your enthusiastic work on behalf of the Region. Your IEEE peers laud your honest and thorough assessment of any challenge and your willingness to engage others in the decision-making process. You are also one known to take bold steps in developing unique solutions such as establishing the first Region coordinator for the Humanitarian Technology Challenge -- an important and thoughtful action and one recognized across IEEE. Again, thank you for your loyalty and dedication to IEEE.

Sincerely,

E. James Prendergast
IEEE Executive Director and COO



 **IEEE FOUNDATION**

Dear Director Park,

Thank you for your leadership in supporting the continued development of IEEE Region 10. Your willingness to assist the many IEEE volunteers in the development of programs and activities of the many Sections of Region 10 is deeply appreciated throughout the IEEE volunteers and staff who work closely with the region. IEEE Region 10 is IEEE's region with the largest number of members and the most rapidly expanding region. Serving the needs of this diverse group of dynamic leaders is an interesting challenge for IEEE and you have repeatedly demonstrated excellence in serving the needs of the volunteers of Region 10.

I have appreciated the opportunity to participate in the IEEE Region 10 leadership meetings and observe your leadership. I also had the opportunity to work with you at the meetings of the IEEE Board of Directors and has been a privilege to work with you as you served the needs of the members of IEEE Region 10.

Mrs. Gowen joins me in extending a special appreciation to Mrs. Park for the support she has provided to you and the leaders of region in continuing to develop the excellence that is IEEE hallmark of IEEE Region 10. We wish you many years of continued good health.

With warmest regards,


Richard Gowen
President, IEEE Foundation



Congratulations on a job well done!

I have been working with Professor Yong-Jin Park for many years. He always shares his knowledge and skills with colleagues. Professor Park served as the secretary of the Region 10 during my tenure as the director, and, as director, he demonstrated his leadership and volunteerism in making the Region 10 greater.

Let us wish him all the best.

Jung Uck Seo
Region 10 Director (2003 - 2004)

From Seiichi Takeuchi

Dear YJ,

It has been a joy working with you during my HQ Committee Member and a Region 10 advisory committee member. I have known you for more than ten years, first the most important supporting personnel for Dr. Seo when he was running for Region 10 Director-elect position. I was quite impressed with your diligent work for his campaign. Your Japanese is so perfect and I was very much impressed with your capability to reach the level of your Japanese proficiency. Once one of my Korean friends asked me why YJ speaks Korean with Japanese accent? So I told him that it is natural because he can speak Japanese so perfect that his Korean is influenced by Japanese. Later on I found out that YJ was born in Tokyo and educated in Tokyo, a graduate from Waseda University. Therefore, YJ speaks English with Japanese accent as well. Anyway, I have been enjoying working with you and at the end of your term as Region 10 Director I would like to express my sincere appreciation for your diligent, hard work and contribution to the cause of Region 10. We will be mutually good friend for the rest of our lives.

Seiichi Takeuchi
Region 10 Director (2005-2006)

It has been a real pleasure to work with Dr. Y J Park as he served as Region 10 Director. Y J has shown a great interest in the success of Region 10 and the entire IEEE. He is very focused on the members and has worked hard to improve member benefits. He has also done a great job in recognizing the accomplishments and contributions of R10 members.

As we continue to transform IEEE into a true global organization it is important that we have leaders such as YJ to continuously remind us that the success of the IEEE is dependent on the success of the individual members.

I wish YJ much success and I look forward to working with him in the future.

Joseph V. Lillie
2009-2010 IEEE Foundation Director and Treasurer
IEEE 2008-09 VP - Member & Geographic Activities



From Janina

Dear Yong-Jin,

You have been the best successor to lead the Region 10 I could dream of! You continued good ideas from the past and have started several important projects and developments. You have been very thorough and honest, and you took time to examine issues to make just and informed decisions. You consulted others, but you made own decisions, and you were always right.

It was a real pleasure working with you and I learnt a lot from your deep and quiet style of leadership. I also appreciate the friendship and support you have given me in the past two years and before. I enjoyed our interactions during meetings and discussions after the meetings. A spirit of



the IEEE family was always there.

Our Region has grown significantly and progressed thanks to your outstanding contribution. Thank you VERY MUCH. My hat goes off to you.

Janina Mazierska
Past Director of IEEE Region 10 (2007 - 2008)

From Lawrence Wong



It is with great pleasure to provide a few parting words to Professor Yong-Jin Park as outgoing Region 10 Director. There is no doubt that YJ, whom we call fondly, has done a wonderful job during his two year tenure. We note that over the two years of 2009 – 2010, membership in

Region 10 grew from 73,662 at the end of 2008 to 84,349 as of end-October 2010, which is an impressive growth of about 14.5% over the two years. At the same time, the numbers of Subsections have grown from 12 to 21 and the number of chapters from 399 to 513. Indeed, all these are impressive figures by all measures. Region 10 is now invigorated with vibrant technical activities and steady membership growth across the Region. The Affinity Groups have also thrived, namely GOLD and Women-in-Engineering, and in fact, Region 10's pro-active thrust in its Student Congresses and the GINI initiative have been well recognized across IEEE. The Technical Seminar series has also been re-vitalized under the YJ's leadership and encouragement. Indeed, we are truly grateful and appreciative of YJ's leadership, efforts and time in helping to shape Region 10 to the level of vibrancy and relevance that it is today. I wish YJ good health, success and happiness in all his future endeavours.

Regards

Lawrence, Region 10 Director (2011 -2012)

From Barry Shoop

It is with great pleasure that I congratulate Professor Yong Jin Park on his leadership and the successes he has brought to IEEE Region 10 as the Region 10 Director and Delegate. I attended the 2010 Region 10 meeting in February in the Philippines and saw first-hand the dynamic engagement of the Region 10 volunteers. I have had the great fortune to work with Y. J. as an IEEE colleague as we have worked to better engage and serve our members and improve the IEEE at the MGA and IEEE Board levels. I know that Y. J. will continue to serve the IEEE and our members and wish him the best of luck in all his future endeavours.

With warm regards,

Barry L. Shoop, Ph.D.

2010 IEEE VP, Member and Geographic Activities

Special tributes from Region 8 Director

It is my great pleasure to be posting here a farewell message about my dear friend Yong-Jin Park, with whom I have had a privilege to work and cooperate for the last 2 years as Director of Region 8. Yong-Jin has been Director/Delegate of the biggest IEEE region – Region 10, and a truly dedicated volunteer, whole-heartedly involved in its activities and all daily matters. Placing equally great weight on local as well as global actions, Yong-Jin has been consequently realizing the main assumptions and goals behind the transnationalisation of the IEEE.

Region 8 had been actively cooperating with Region 10 which has resulted in the establishment of several brand new initiatives, one example of which is the SibirCon (IEEE International Conference on Computational Technologies in Electrical and Electronics Engineering), in which Region 10 has become very active. Moreover, the representatives of our both regions have been regularly participating in events organized by the partner region.



I deeply hope that these two biggest IEEE Regions will also be joining forces in the future and by setting new directions and trends, will work towards a common aim of further globalization of the Institute.

Jozef Modelski
R8 Director

Dear YJ,

It has been my great pleasure and honor working with you as the R10 ARC Chair 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.

I have also been quite impressed by your leadership in your efforts to make R10 more global in IEEE. You have always inspired R10 to think and act globally at every occasion and promoted various R10 activities from the viewpoint of globalization. You have also strongly promoted more participation in MGA and other HQ activities and more votes in IEEE Elections from R10.

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

Takatoshi Minami

2009-2010 R10 Awards & Recognition Committee Chair

From Professor Mini Thomas

I met YJ in 2005, as the Conference Coordinator of R10 in Dr. Takeuchi's team. He appeared to be a very polite and cordial person, however, I did not have much interaction with him at that stage. When I became the SAC Chair of R10 in 2007, YJ was the R10 Director-Elect. For all my SAC related proposals, from 2007, YJ has always given wholehearted support. YJ wanted me to continue as SAC Chair of R10 during his tenure as R10 Director in 2009-10 as well, and I accepted the offer, fully confident that he will give me a free hand to implement my ideas for student activities. When we had to conduct the 125th Anniversary Student Congress in Singapore in 2009, it was his intervention that really clinched the deal for us, along with Janina, as we had to sort out some issues for organizing the event. YJ came personally to the Student Congress in Singapore and gave his full support for the event.

When I got nominated for the MGA Vice-Chair position, YJ wholeheartedly supported me and helped me win the position. While in the MGA board also, YJ had supported all my proposals, and is a great help! It is always a pleasure to interact with him and his lovely wife. I would like to express my gratitude to YJ for all his support in whatever I did and hope we will continue to support each other for the benefit of R10 and IEEE as a whole.



Mini Shaji Thomas
MGA Vice-Chair Member Development

I would like to thank Professor Y.J. Park for his support over the past few years when I was serving on R10 ExCom as R10 GOLD Coordinator and his continued support to GOLD activities and my successor Tim Wong. I look forward to continue working with him on other IEEE initiatives.

Helene Fung
Senior Strategic Planning Manager,
IEEE



Yong Jin Park - Our great leader!

Yong Jin Park has done great job as IEEE Region 10 Director in 2009-2010.

He appointed me as a Technical Activities Coordinator and allowed me to do anything I would like to do. Thus I started seminar series in conjunction with the R10 ExCom meeting as well as the regular seminars as requested by members and Distinguished Lectures series.

The seminar series was quite successful, thanks to Yong Jin Park's active participation in the seminars. He encouraged me to do more. I think it has been very beneficial for both, the workshop organizers and R10 members/non-members to see the IEEE activities closely and participate in those activities. I vividly remember the seminars in Hanoi, Brunei, Manila and Cebu as well as other seminars during his regime. We respect him as our leader in R10 and are happy and lucky to have him as Director.



Toshio FUKUDA
R10 Technical Activities Coordinator (2009-2010)
R10 Director-Elect 2011 - 2012

The best executive is the one who has sense enough to pick good men to do what he wants done, and self-restraint to keep from meddling with them while they do it.

Theodore Roosevelt

We have a walking example in our Region 10 team – our Director Dr. Yong Jin Park. He is always encouraging, he never interferes and he makes us feel as a family. He is also very positive on what is correct and what is not. His way of opening up the R10 meeting with a joke made me feel comfortable when he became the Region 10 Director in 2009. This was my second year in Region 10 and I was still a toddler. And his enthusiastic response when I asked him about the awards I wanted to introduce in R10 WIE gave me confidence. He has always supported me in all my new endeavours like introduction of WIE Inspiring Engineer of the Year Award and WIE conference support fund. I can never forget his diplomacy in requesting us to drop the congress for this year because of the cut in the funds or his enthusiasm in informing me by mail though he was in the middle of the board meeting, the instant I was voted to be the Women in Engineering Chair 2011. I have learnt so much from him and his wife in hospitality and courtesy which I value much more than anything. I pray for his success in all walks of life.

Ramalatha Marimuthu
R10 WIE Coordinator (2009 – 2010)



For Dear YJ

I had an opportunity to work closely with Prof Yong-Jin Park, to whom we call YJ. I found him a very calm, soft spoken and a considerate person with a clear vision of IEEE. As the Chapter Coordinator and first timer in R10 ExCom, I got full support and guidance from him. The result was that we could record an unprecedented growth in R10 Chapter activities. I admire his way of replying emails. His email replies are short, to the point and always carry a word of appreciation which motivates you to perform better and better. I am sure his dedication and passion for IEEE will keep guiding next generation of volunteers.

Deepak Mathur
R10 Chapter Coordinator
2009 - 2010



Dear Yong-Jin,

It was my honor and pleasure to work with you for IEEE Region 10 during 2009 and 2010 as a R10 secretary. Thanks to you, R10 has more than 80,000 members, as well as a good financial condition. A great deal of new sections, subsections and chapters have been established and all the operating units in Region 10 become more active. I also thank you for your strong and kind guidance for your staff including me to make R10 a successful region in the whole IEEE. I would like to express my sincere appreciation for your contribution to Region 10 and myself.

Kukjin Chun
R10 Secretary (2009 -2010)

I am please to say here that it has been an enriching experience working with Prof Park under his leadership as the Director of Region 10. He is a person with a big heart and always sensitive and emphatic towards people working with him. On one occasion prior to the Section Chair meeting I was showing him my presentation as the Section Coordinator, and he told me, "Take some slides out which show the Sections that are not performing". This is very Asian and Islamic in nature.."*Save the face (pride) of other people*".

Prof Park, thank you for your support and guidance and I really enjoyed working with you.

Norman Mariun
R10 Section Coordinator 2009-2010

Dear Professor Park,

It has been a pleasure for me to be part of your team and work as the editor of this newsletter. Thank you for your guidance and encouragement. You provided a very strong support to the IEEE Region 10 Newsletter with your regular columns. The varied and large number of IEEE activities reported in the newsletter is a testimony to your dynamic leadership to the region.

Wishing you all the best for your future endeavours,

Zia Ahmed, Editor,
The IEEE Region 10 Newsletter

Professor Yong-Jin Park took his leadership to make our web site the information hub of IEEE Region 10. With his encouragement, I, as the Electronics Communication Coordinator, could have the courage to renovate the entire IEEE Region 10 web site in spite of the well-thought web pages I succeeded from my predecessor.

Also, he encouraged many members of Region 10 to take opportunities in volunteering in IEEE activities. Due to his encouragement, many members applied and acquired roles in IEEE Head Quarter. It is a part of his effort to promote Region 10 in IEEE and definitely his effort is paying off in IEEE Head Quarter paying more attention to our region.

He is a leader who formed a sound foundation for IEEE Region 10 to expand and flourish in the upcoming Asia Pacific era which will be marked by economic growth in China and India.

Hidenori Nakazato
R10 e-Comms and Individual Benefit & Services
Coordinator (2009 – 2010)

IEEE Tokyo GOLD Affinity Group

Dear Yong-Jin Park

Thank you very much for your strong leadership and hard efforts for IEEE R10. It was my honour to join R10 activities as the Chair of Tokyo GOLD Affinity Group.

For these two years, I sincerely appreciate your kindly support for GOLD and SAC in R10. You and your team provided good opportunities for the benefit of young professional activities including SAC for R10 member, and generated new ideas for local activities in all Sections. I learned a lot of things.

I believe you have successfully increased understanding of you and your team's vision for our region. Your efforts will result in more interaction and networking within IEEE volunteers in our region.

I sincerely appreciate your hard efforts and strong leadership.

Best regards,

Yasuharu Ohgoe
Chair, IEEE Tokyo GOLD Affinity Group



Prof YJ Park,

I wish you all the best in your endeavours.

Best regards

So Ping Lam
Chair, IEEE Singapore Section



IEEE Tainan Section

One behalf of IEEE Tainan Section, we appreciate Dr. Y. J. Park, R10 Director for his excellent leaderships and endless contributions. With his hearted promotions, Dr. Park greatly helped the visibility of R10 in many aspects. In region meetings, he brought us not only technical feast but also laughed warmth to tightly link all leaders from IEEE administration and Sections together.

Kevin (Jar-Ferr) Yang (楊家輝), IEEE Fellow
Chair, Tainan Section

Director, Center for Technologies of Ubiquitous Computing and Humanity

Distinguished Professor, Department of Electrical Engineering, National Cheng Kung University, Taiwan

IEEE Tokyo Section

Dr. Yong Jin Park,

We would like to appreciate your help and encouragement for Tokyo Section for these two years. In particular, we acknowledge that you attended the IEEE 125th Anniversary Event in Tokyo and delivered your congratulatory speech as shown in the attached photo. Thanks to you, Dr. John Vig, 2009 IEEE President and more than 200 people also attended this ceremony. It was an extremely successful event.

Besides, we owe you for your kind guidance and great support for the establishment of LMAG-Tokyo. It was approved by BoD in this April and the first General Assembly was held on October 8th, IEEE Day.

We would also greatly appreciate your continuous support as Past Director for Tokyo Section and the other Sections in Japan.



Prof. Hideki IMAI
Chair, Tokyo Section, Japan

IEEE Bangladesh Section

I clearly remember my first acquaintance with Professor Yong-Jin Park at the Region 10 Annual meeting at Cebu, Philippine. I was amazed with his charming personality. I find him very helpful and sincere with an amazing friendly personality. I will miss him as Region 10 Director. From IEEE Bangladesh Section we wish Professor Yong-Jin Park continuous success as a dedicated volunteer of IEEE and also wish him continuous success as cutting edge researcher.

Sincerely

A.B.M. Harun-ur Rashid
Chair, IEEE Bangladesh Section



IEEE Kansai Section

Dear Prof. Yong-Jin Park:

Thank you very much for your support as R10 Director for IEEE Kansai Section. Especially you supported our proposals and nominations for IEEE MILESTONE and we received two recognitions at the same time, "Kurobe River No. 4 Hydropower Plant, 1956-63" developed by Kansai Electric Power Co., Inc. and "Commercialization and Industrialization of Photovoltaic Cells, 1959-83" developed by Sharp Corporation. You kindly attended the ceremony of the presentation of these two IEEE MILESTONES and also gave us a keynote speech at the commemorative lecture meeting on April 9th, 2010 in Osaka. This gave encouragement to our future activities of IEEE Kansai Section very much.

Best regards,

Yukihiro Nakamura
Chair, IEEE Kansai Section

IEEE WIE Japan Council

Dear Prof. Yong-Jin Park,

Thank you very much for your kind consideration and assistance. I really appreciate all your support for the promotion of R10 WIE activities.

I look forward to our continued communication and collaboration, and wish you good luck and success in your future.

Takako Hashimoto Ph. D.
Vice Chair, WIE Japan Council
Associate Professor, Chiba University
of Commerce

IEEE Xi'an Section



Thanks Yong-Jin, for your support to the Xi'an Section, for your contribution to improve the member collaborations, and also for your friendship established forever.



Jianguo Huang
Chair of IEEE Xi'an Section

IEEE Sendai Section



I know Professor Yong-Jin Park for more than 10 years and always enjoyed his company and marvelled with his knowledge in different research areas particularly in New Generation Internet Network Technologies, Wireless/Mobile Networks and Ubiquitous/Sensor Networks.

I would like to commend Professor Yong-Jin Park for his leadership and contribution as a director of the Region 10 in IEEE. Region 10 known as Asia Pacific Region is the largest region in IEEE. As a proactive person he had moved this technical association to further betterment. He was also acted as a Secretary of IEEE Region 10 during 2002-2003 and Director of Secretariat of APAN (Asia Pacific Advanced Network) during 1999. His contributions in the scientific society both as an administrator and researcher are an example of a visionary, intelligent and hardworking person.

Norio Shiratori, Emeritus Professor of Tohoku University
Chair, IEEE Sendai Section, Japan

IEEE Karachi Section

Dear Prof. Yong-Jin Park,

Though I have had not enough time to work with you, but some time limited span of working may prove more fruitful than longer period. As the Chair of IEEE Karachi Section I met you in February 2010 at the last R10 Annual meeting in Cebu, Philippine, and found you a gentle and thorough person in your official and personal capacity. Sir, we invited you to attend the Pakistan Student Congress 2010 held in October 2010 at Usman Institute of Technology campus Karachi and you were very enthusiastic about this congress, but due to your prior travel plan to China; you couldn't attend this event.

I, as Chair, on behalf of IEEE Karachi Section appreciate your sincere efforts, hard work and dedication for the cause of R10 and here paying you accolade for your tremendous volunteer services for IEEE Region 10, hope we would have the privilege to continue to work with you for the cause of IEEE.

With profound regards,

Parkash Lohana
Chair, IEEE Karachi Section, Pakistan

IEEE Japan Council

Dear Professor Yong-Jin Park,

Region 10 is the most dynamic, fast growing, and diverse region in IEEE.

Your active and positive direction has encouraged Japan Council to proceed to further possibilities.

I especially appreciate your attending the 125th Anniversary Celebration at Tokyo.

Thank you,

Toshiharu Aoki
Chair, IEEE Japan Council

IEEE Delhi Section

I had close interaction with Prof. Y. J. Park during the period of his R10 directorship and found him very helpful in promoting various activities at IEEE Delhi section. Last year, when I visited South Korea for my academic visit, I could meet him at his University, though he was very busy. We exchanged many ideas about further improvements in the benefits to members, particularly in Asia. I discussed with him about new activities for future at Delhi. He was very open and kind enough to encourage us for submitting the proposals.

I wish him a healthy and fruitful future life!

V. R. Singh, IEEE Fellow
Chair, IEEE Delhi Section, India

Professor Yong-Jin Park has done tremendous work to improve all aspects of IEEE Region 10. It was a great opportunity for me to work under his leadership and take the student activities to the new heights. His unforgettable contributions towards Region 10 and his special support for students are commendable.

He has been very co-operative & helpful throughout his tenure. He had played vital role in increasing student activities around the Region. The best IEEE Region 10 Student Congress 2009 in Singapore was organized with his support and the mega project of IEEE Region 10 SAC "GINI" also progressed very well during his tenure.

I would like to specially thank Professor Yong-Jin Park for special support provided to Pakistan in the advancement of the "IEEE Pakistan Engineering Educational and Professional Development Rebuilding" fund.

Regards,

Om Perkash
Regional Student Representative 2010

IEEE Asia Pacific Operations Centre

We have learned quiet diplomacy serving Prof. Park in his two year term as Region 10 Director. Under his leadership, issues affecting the Region were calmly reviewed and deliberated on before decisions were made. He has been firm in conveying his messages and yet democratic allowing his committees to decide on their projects and course of action. We have been fortunate to experience his leadership style.

Fanny & Ewell
IEEE Asia Pacific Operations Centre, Singapore



Humanitarian Technology Challenge

R10 Students among the Winners of the HTC Student Project Design Competition

As part of the Humanitarian Technology Challenge, an effort jointly funded by the IEEE and the UN Foundation, a design competition was sponsored that gave student teams from colleges universities around the globe the opportunity to develop creative solutions in one of three challenge areas: Reliable Electricity, Data Connectivity of Rural Health Offices and Individual Patient ID tied to Health Records. These challenges represent global issues where the IEEE has worked with non-governmental organizations to bring its expertise to address the problem. Each student team was required to develop a prototype solution that addressed one of these challenge areas. Qualifying teams presented their solution to a team of IEEE judges drawn from its global membership. From over 50 entries, the top three teams were selected to receive awards.

First Place, \$5,000: Wali Zaidi, Sammy Zaidi, and Christopher Belcher, from the University of Nevada, Las Vegas (UNLV) (Region 6) with a project entitled: "Modular Photovoltaic Power System"

Second place, \$3,000: Chester Ditmanson, Gareth Walker, and Martin Luebbers from Technische Universität in Dresden, Germany (Region 8) with a project entitled "Medicooler".

Third place, \$2,000: Gaurav Minocha and Ridhima Mittal from **Netaji Subhas Institute of Technology, Delhi University, India** (Region 10) for their project entitled "Alternate Energy Sources".

IEEE-HTC Student Project Design Competition gave teams from all over the world an opportunity to create real solutions to critical problems faced by people everyday" says Michael Andrews, one of the competition organizers. "The students recognized that their engineering skills can make a real difference in the quality of life for so many people and that's an important contribution engineers can make.

For additional information about the HTC project, detailed descriptions of the challenges and how to become involved, visit the IEEE-HTC site www.ieeehtc.org.

IEEE R10 WOMEN IN ENGINEERING

IEEE ASIA PACIFIC WIE INSPIRING ENGINEER OF THE YEAR AWARD 2009 WINNER

The IEEE Asia Pacific WIE Inspiring Engineer of the Year Award is given annually to one IEEE Women in Engineering member of Asia Pacific Region. The purpose of the award is to recognize individuals for "singular achievement in the development and completion of a project(s) or activity(s) that has significantly benefitted the society and has increased public awareness about Women's role in Engineering profession and IEEE WIE".

The R10 WIE award committee is happy to announce that the IEEE Asia Pacific WIE Inspiring Engineer of the Year Award 2009 is won by Dr. Sunita Chauhan of Singapore Section. The committee received five nominations out of



which Dr. Sunita Chauhan was declared the winner on the basis of her inspiring contributions to the advancement of technology for humanitarian purposes.



Dr. Sunita works as an Associate Professor, Division of Mechatronics and Design, at Nanyang Technological University, Singapore and is a Women-in-Engineering Member. Her “Minimally Invasive Bio-mechatronic Approach for Breast Cancer Surgery” based on the objectives of developing minimally-invasive and non-invasive surgery for breast cancer treatment using robotic approach provides novel technical advances to the present state-of-the-art with predictable, precise, safe and faster procedures. Dr. Sunita holds four International patents granted on these systems and the Public Sector Innovation Award by TEC (the Prime Minister Office, Singapore) Nov 2006. Dr. Sunita serves on the Board of Directors of the Association of Ultrasound Industries as an Asian representative.

Congratulations on your achievement Dr. Sunita Chauhan!

Ramalatha Marimuthu
R10 WIE COORDINATOR

2010 MGA Award Winners in Region 10

On 20 November 2010, the Member and Geographic Activities Board (MGA) approved the distribution of 16 volunteer awards that promote, recognize, and reward excellence in MGA operations and activities of IEEE geographic units. Following three major awards were awarded to volunteers in Region 10.

MGA INNOVATION AWARD - Ruey-Beei Wu, Taipei Section

For his outstanding efforts in promoting IEEE membership, Chapters consolidation, and talents cultivation, especially initiating the Electromagnetics Education Initiative - Summer Camp Program.

MGA ACHIEVEMENT AWARD - Deepak Mathur, Gujarat Section

For his efforts in member development by engaging Region 10 members through enhanced Chapter activities.

MGA GOLD ACHIEVEMENT AWARD - M. Rafaeel Akbar Chaudhry, Lahore Section

For his efforts in substantially increasing member engagement through the IEEE Lahore Section GOLD Affinity Group activities.

The Region 10 GOLD Award 2010

I am pleased to announce the result of the 2010 R10 GOLD Award. We received three nominations in total. The Region 10 GOLD Award committee carefully assessed these applications to determine the winner.

The winner of the 2010 R10 GOLD Award is Gowtham Prasad from Bangalore Section, India.

Please join me in congratulating Gowtham on this outstanding achievement.

Thank you for your interest and nominations.

Timothy Wong
R10 GOLD Coordinator

BRIEF REPORTS ON R 10 ACTIVITIES IN 2010

In 2010 the R10 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.

Region 10 Chapter Activities: In the year 2010 Chapters activities in Region10 has been outstanding. We have formed record number of new Chapters/Joint Chapters and also numbers of inactive Chapters have made a significant decline. With this achievement Region10 has 500+ Chapters and still growing. This all have been achieved with the efforts of active volunteers of our Sections. An established and active Chapter serves the technical need of a professional member in a better way. Active Chapters also help in arresting fluctuation in memberships. R10 Sections which formed new Chapters are listed below. Some more are in the pipeline.

- | | |
|--------------------|-----------------------------|
| ACT Section | Nagoya Section |
| Bangalore Section | Nanjing Section |
| Bangladesh Section | New South Wales Section |
| Beijing Section | New Zealand Central Section |
| Calcutta Section | Philippines Section |
| Chengdu Section | Shanghai Section |
| Harbin Section | Singapore Section |
| Hyderabad Section | Sri Lanka Section |
| Islamabad Section | Taipei Section |
| Karachi Section | Thailand Section |
| Lahore Section | Uttar Pradesh Section |
| Macau Section | Wuhan Section |
| Madras Section | Xian Section |
| Malaysia Section | |

During 2009-2010, 100+ Chapters were formed (33 in 2009 and 72 in 2010 till the end Oct 2010) and more are in pipeline. The break-up of types of Chapters is: 83 Society Chapters, 14 Joint Societies Chapters and 8 Technical Council Chapters.

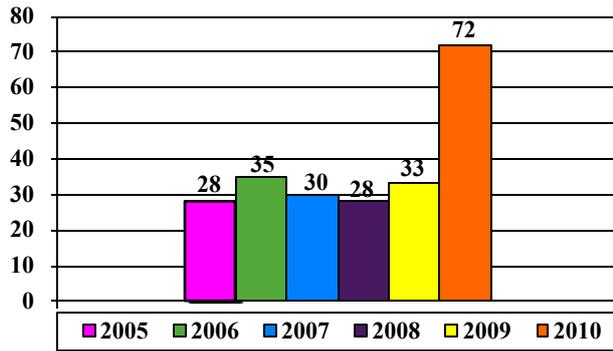
Chapters were also formed in those countries where there is no Section. Such Chapters will enhance the visibility of IEEE and will bring more countries in IEEE’s circle in the future as Sections. These countries are: Maldives, Cambodia, Brunei Darussalam, Nepal and Mongolia.

By making more new Chapters and keeping the Chapters active, IEEE members get the following benefits.

- More technical activities through Chapters of Societies and Councils.
- More funds from IEEE HQ to the respective Sections as subsidy, which ultimately is used for the members.
- More recognition for members in the form of awards offered by various IEEE Technical Societies, TAB and MGA Board
- Additional leadership positions in the Section as Chapter Chairs, which helps in professional development of members.
- Active Chapters bring new members to the Section and IEEE.

To make our Sections vibrant and to bring more benefits for our members we need to make our existing Chapters active and form new Chapters / Joint Chapters wherever we can.

My term as Region 10 Chapter Coordinator ends on 31st December 2010 and I would like to thank you all for your kind support and help in making Chapter Activities in your Sections active and effective.



Deepak Mathur, R10 Chapter Activities Coordinator

2010 R10 Awards & Recognition Committee: 2010 activities of the Region 10 Awards & Recognition Committee (R10 ARC) were conducted basically according to the plan approved at the 2010 R10 Meet held in Cebu, Philippines on 27-28 February this year, and available on R10 Website at:

<http://ewh.ieee.org/reg/10/Reports/meetrep/ExcomReportsFolder/AwardsRecog..pdf>

Main responsibility of the R10 ARC in 2010 was as follows:

- To coordinate the Region 10 awards and recognition activities.
- To administer the following R10 Awards and Recognition Programs:
 - 2009 R10 Distinguished Large/Small Section Awards
 - 2010 R10 Outstanding Volunteer Award
- To represent R10 in the MGA Awards & Recognition Committee (The R10 ARC Chair is a correspondence member of the committee)
- To promote awards nominations from R10 for the HQ Awards

Details of the R10 ARC and its administered R10 Awards are described in the Section 5.7 of the Region 10 Operations Manual which is available at the following website:

http://ewh.ieee.org/reg/10/ops_man/Ops.files/files/section5/5.7ARC_v1_2010.pdf

Main results of the 2010 R10 ARC activities are as follows:

1. R10 Awards and Recognition Programs

2009 R10 Distinguished Large/Small Section Awards

The selection was made based on the review of the 2009 Section Reports with the following results:

- Kerala Section was selected as the recipient of the 2009 R10 Distinguished Large Section
- Wuhan Section was selected as the recipient of the 2009 R10 Distinguished Small Section.

Award certificates and US\$1,000 will be presented to Kerala and Wuhan Sections. Award certificate will be presented at the 2011 R10 Annual Meet and the US\$1,000 will be sent after the meeting.

2010 R10 Outstanding Volunteer Award

Six nominations were received and the following four members were selected as the recipients of this award:

Satish Chaparala (Hyderabad Section)

K. Ramakrishna (Bangalore Section)

Anil K. Roy (Gujarat Section)

John L. Robinson (New South Wales Section)

Satish Chaparala will be invited to attend the 2011 R10 Meet and to receive the award certificate.

Award certificates for K. Ramakrishna, Anil K. Roy and John L. Robinson will be presented to the representative of the Section of the recipient at the 2011 R10 Meet for further presentation to each recipient at an appropriate event of the Section.

2. Harmonization of Awards and Recognition Programs between MGA and Regions

- Discussion was started in the MGA Awards & Recognition Committee towards the harmonization of the Awards and Recognition Programs between MGA and Regions.
- As a first step, a Region Awards Inventory (compilation of each Region's awards presented at the Region level) has been completed. We provided information on the R10 Awards and Recognition Programs to MGA.
- More detailed discussion on the harmonization will continue in 2011.

I 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 awards.

I also would like to thank the members of 2009-2010 R10 ARC for their hard work and a lot of fruitful and constructive discussions.

Takatoshi Minami, 2009-2010 IEEE R10 Awards & Recognition Committee Chair

R10 Membership Development Activities

MD Summary - September 09

Total 82,137 members in Sep. 2010 i.e. 7,716 (10.4%) increase compared with 74,421 on Sep. 2009

R10 is the only Region outside US which got year-over-year gains across all membership grades professional, graduate and undergraduate students. R10 is the only region which got year-over-year gains across all the professional, graduate and undergraduate students member grade during the past 3 months

Best Sections in total retention were Shikoku, Macau, Indonesia, Hiroshima, Sapporo, and Nagoya Sections.

Top Sections for recruitment year-over-year (cumulative) were: Kerala, Delhi, Sri Lanka, Bangladesh, and Macau

Women members: 11,415 (13.9% of the total members)

MD Proposals supported

On 5 July, we announced the Call for Proposals for the membership development activities in our region. By the deadline, we received three proposals and, after careful reviews, all of them were approved with some minor modifications. The final approved proposals were:

(1) "IEEE Publicity Road-show in High-tech Park" Beijing Section, USD250)

- Recruit volunteers from the universities in Beijing for this event.

- Desk Exhibit in the open area close to Baidu, Kinsoft, Founder, Digital China and UFIDA Software. (Design and make posters and brochures)
- Video Display, "Discover the Benefits of Membership", "One voice", "IEEE Computer Society Raise Your Standards"

(2) "Revitalize IEEE M. S. University Student Branch & Attain remote location at Changa, Gujarat to open an IEEE Student Branch" (Gujarat Section, USD350)

Organize one full day program each at M. S. University, Baroda, Gujarat, India on 8th October 2010 and at Charutar University of Science & Technology (Charusat), Changa Gujarat, India on 26th November 2010.

(3) "IEEE Blog, Tweet & Win" Contest (Bangalore Section, USD650)

The goal of the contest is to explore and advertise IEEE benefits on the web in order to Increasing IEEE R10 and the Student Branch's visibility and awareness globally.

Zhisheng Niu, R10 MD Coordinator

R10 IEEE WIE Activities: In 2010 R10 WIE supported 23 events organised by the various Section and Student Branches affinity groups all over the Region. The year started with a promising member development activity in the southern tip of India. The awareness programme organised in Kanyakumari district in March had 67 participants from 11 colleges in the vicinity. This was taken as an example and the programmes followed in Pakistan and other parts of India. In addition WIE Forums were conducted in India, Pakistan and Japan.

The calls for proposals were sent for R10 WIE funding support twice this year – one in March and the other in July. Both had an overwhelming response. 12 activities from various Student Branches and Sections were selected on the basis of the viability of the project and the benefit to members followed by 11 projects during the second phase. Almost 80% of the proposals have been completed and reports published. The rest are being carried out now.

R10 WIE collaborated with Technical Activity Committee this year for supporting technical seminars and conferences. A technical seminar given by Dr. Basabi Chakraborty and Dr. Takako Hashimoto of Japan Council WIE, in India enhanced the networking image of WIE and Technical Activity Committee of R10 while supporting an international conference on "Early Intervention Methods for Special Children" proved that technical solutions for humanitarian purposes is fairly the need of the hour.

In addition to outreach programmes like STAR that the WIE is famous for, R10 WIE believes that encouraging the women in their research work is imperative. This has been carried out by introducing exclusive sessions for women researchers in IEEE International conferences. It has supported three international conferences including the R10 flagship conference the TENCON'10, by having a track with 5 sessions of paper presentation and a panel session.

The R10 WIE introduced the conference support fund in the year 2009 and has become a permanent part of TENCON. Last year WIE organised the Tutorial session in TENCON, Singapore which was a grand success. This year WIE had separate tracks on IEEE international conferences like ICCCT '10 and TENCON '10 to encourage the research

activities of women engineers. The papers that were presented in the WIE track had a woman IEEE member as the first author. In TENCON '10 a best paper award was also introduced for the first time.

In addition to supporting the activities organised by the volunteers in Student Branches and Sections, WIE thinks that recognising their enthusiasm, efforts and hard work is necessary to sustain the interest of the volunteers. So R10 WIE introduced the R10 WIE Affinity Group of the Year Award last year to recognise the team work of the Sections and Student Branch Affinity Groups in the year 2009. The award for the year 2009 was won by the Siddaganga Institute of Technology (SIT) Student Branch WIE Affinity Group. They have organised many innovative programmes but the most striking one is their R10 WIE supported Sangamam project – Lighting up a village. They chose a rural tribal village in their area called Sompur, Karnataka, India which had no electricity. They moved mountains to persuade the government officials to grant permission for the electricity supply to the village and this project attracted the local media too. The award has increased the enthusiasm of volunteers all over the region and there is a hot competition among Student Branch WIE Affinity Groups to come up with innovative ideas for humanitarian programmes which in turn has increased the number of affinity groups in the region by more than 50%.

This year R10 WIE introduced a new award to recognise the efforts of WIE volunteers who contribute towards the welfare of the society through their technical knowledge. The call for award attracted 5 nominations of very high quality work. The judges had a very hard time in selecting one awardee. Finally the committee decided on Dr. Sunita Chauhan, belonging to Singapore Section as the winner for her work on Minimally Invasive Bio-mechatronic Approach for Breast Cancer Surgery.

Dr. Ramalatha Marimuthu, R10 WIE Coordinator

R10 Industry Liaison Committee Activities: During 2009-2010, we dealt with several R10 ILC affairs, including issuing calls for nominations for the awards. Every year, we announce calls for nominations after scheduling deadlines for submitting nomination forms.

Maintaining the ILC Webpage: This involves preparing the nomination forms and calculating the proportions of academic and industrial members according to their registration data. So far, there have been 56 Sections and 65,746 active members in IEEE Region 10. In order to obtain the proportions of academic and industrial members in each Section, we analysed members' "mail addresses," "affiliations," and "work or school address lines" from their registration data. The current proportions of academic and industrial members in each Section can be seen on the ILC webpage (<http://ewh.ieee.org/reg/10/ILC/ILCMain.html>). The IEEE Region 10 Industry Liaison office is constantly recruiting more members from academia and industries.

Recruit New Members from Industry: On May 11, 2010, we hosted a meeting at Industrial Technology Research Institute (ITRI) of Taiwan, recruiting more new IEEE members. ITRI is a research center, which is devoted to improving industrial technologies. This meeting introduced the scope and vision of the IEEE. Also, several benefits of being an IEEE member were presented in the talk.

MMI Award: An award to the Section which has the most members from the industry

MIMI Award: An award to the Section, which has the most increasing members from the industry in one nearest year.

Conference Coordination: The International Symposium on Chinese Spoken Language Processing (ISCSLP), an important international conference, was first held in Singapore in 1997. After planning and negotiating for several months, we gained an opportunity to arrange this meeting in Taiwan on 29th November 2010. It promoted communication and collaboration between IEEE members.

On 5 February 2010, the Forum on "Orange Technology & Health Care Technology" was held in Tainan, Taiwan. The main theme of Orange Technology focuses on humanistic/humanitarian care, and the development of the related technologies and industry.

Jhing-Fa Wang, Chair R10 Industry Liaison Committee

AR10 Electronic Communication Coordinator: Up to now, most of the Region 10 web pages are edited by ECC. If pages are edited by the corresponding coordinators by themselves, more up to date information can be put on our web. To facilitate the above, I am developing a WordPress theme for our coordinators. The IEEE Entity Hosting Service is testing WordPress as its blog service. If each coordinator requests an account on the blog service and choose the Region 10 theme, the coordinator's blog will be nicely integrated into the structure of our web site while the coordinator can update his/her pages as quickly as possible. The theme is already installed in EWH blog service and almost ready, though I am still testing.

Individual Benefit & Services: IB&SC had one teleconference meeting on June 2 and one face-to-face meeting on September 24 and 25. In the meeting, the following issues related to R10 were discussed:

- DELL discount program status. The discount is not yet widely recognized.
- Possibility of offering an additional risk management course worldwide.
- A Student Member discount from National Instruments for LabView software products is under consideration and it will be recommended to MGA Board for approval.
- Toolkit for Developing Benefits needs to be socialized in Regions 7-10. Staff will contact regions for the possibility of planning a session for the toolkit.

Information Management Coordinator: On September 3, I took a training session for vTools including vTools.WebConferencing, vTools.Meetings, vTools.Voting, and vTools.WebInABox. The role of the regional IMC is to spread the usage of vTools to Sections. It is difficult to spread the tool to each Section individually. The good occasion to do so is annual regional meeting. The regional IMC succeeding me needs to hold a session for vTools.

Hidenori Nakazato, e-Comms and IB&S Coordinator

Region 10 GOLD Activities: Since, taking on the role of Region 10 GOLD Coordinator from Helene Fung, there have been a number of developments within this portfolio. I am pleased to inform you that the petitions for two new GOLD Affinity Groups in Beijing and Nanjing in China have been approved. This will bring the total number of GOLD Affinity groups in Region 10 to 24. There is

expected growth in the China GOLD groups for the upcoming years.

So far there have been seven Student Transition and Elevation Partnership (STEP) events held in Region 10. STEP is an important initiative to help Student Members transition into normal grade IEEE members and help retain their interest in continuing their IEEE membership well beyond Student Member grade. GOLD Affinity groups will be encouraged to continue collaborating with Student Branches. The link between the Student Branches and GOLD has a lot of room to grow. With several more STEP functions planned for 2010, we are on track to meet the Region 10 target of eight STEP functions in 2010.

An important part of the Region 10 GOLD strategy is the execution of Clustering Groups. Clustering ensures that GOLD groups which operate under similar conditions and demographics can share information and best practices. It is an important part for supporting GOLD operations and ensuring the sustainability of GOLD groups. There are currently two operating clusters which exist in Australia/New Zealand and South Asia. Currently, the South East Asia cluster is being established.

There is the 2011 IEEE GOLD Summit planned to be held in San Francisco in August. This is a tri-annual gathering of GOLD volunteers where best practices are shared, important volunteer development and training is provided and networking between IEEE GOLD and IEEE volunteers occurs. There have been a number of important outcomes from the 2008 GOLD Summit which will be discussed and expanded upon, including the establishment of the Clustering initiative, improved cross regional collaboration and volunteer talent being identified within R10 and in other regions. On a similar note, discussion is currently underway over proposed joint Region 10 Student/WIE/GOLD Congress in 2011.

I plan to establish a Region 10 GOLD Strategy development team which will help assist in planning the future of Region 10 GOLD. I believe that it is important that we continue to develop our relationships with Students, Sections and Societies over time. The Region 10 GOLD Strategy will align with the MGA GOLD committee and Region 10 overall objectives. Ties between Region 10 GOLD and Student Activities, the ExCom Committee, Societies and Sections will continue to be strengthened.

During my travels, I visit IEEE GOLD Affinity Groups and Student Branches (at my own expense), where possible, in all IEEE Regions. I believe that the best way to promote the IEEE in general and IEEE GOLD is through face to face interaction where possible. There is also much talent yet to be discovered within the IEEE community and we intend to find and nurture our talented volunteers.

Last, but not least, I would like to pay tribute to Helene Fung for her outstanding contributions to Region 10 and worldwide IEEE GOLD activities and thank our Region 10 Director, YJ Park for his trust in both Helene and me in delivering outcomes to Region 10 GOLD. I am looking forward to working with the IEEE Region 10 team in 2011 and beyond.

Timothy Wong, Region 10 GOLD Coordinator



2010 R10 Outstanding Volunteer Award Winners

The result of selection of the 2010 R10 Outstanding Volunteer Award has been announced. The 2009-2010 R10 Awards & Recognition Committee received six nominations, and selected the following four members as the recipients of this award.

Satish Chaparala (Hyderabad Section)

K. Ramakrishna (Bangalore Section)

Anil K. Roy (Gujarat Section)

John L. Robinson (New South Wales Section)

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

Satish Chaparala will be invited to attend the 2011 R10 Annual Meet where a certificate for this award is to be presented. Award certificates for K. Ramakrishna, Anil K. Roy and John L. Robinson will be presented to the representative of the Section of the recipient at the 2011 R10 Annual Meet for further presentation to each recipient at an appropriate event of the Section.

The 2009-2010 R10 Awards & Recognition Committee 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

2009-2010 IEEE R10 Awards & Recognition Committee Chair

IEEE Asia Pacific Operations Centre Singapore Moves into New Office

On 1st Nov 2010, IEEE relocated its branch office, the IEEE Asia Pacific Operations Centre in Singapore, to Solaris@Fusionopolis. The ribbon cutting and unveiling of the IEEE signage ceremony was attended by IEEE President, Mr. Pedro Ray, IEEE Chief Marketing Officer, Mr. Patrick Mahoney, IEEE CFO, Mr. Thomas Siegert IEEE Executive Director, Mr. James Prendergast, IEEE MGA Managing Director, Ms. Cecelia Jankowski, Director of IEEE Continuing Education, Mr. Steve Welch, Managing Director of IEEE Educational Activities, Mr. Douglas Gorham, IEEE Staff Executive, Mr. Matthew S. Loeb and Managing Director of A*STAR, Prof. Low Teck Seng.

Other high profiled guests included the Singapore Economic Development Board (EDB) Assistant Managing Director Mr. Yeoh Keat Chuan, National Technological University (NTU) President Dr. Su Guanng, Stratech Systems Deputy Chairman Er. Lim Soon Hock, Institute of Engineers Singapore (IES) Dr. Eicher Low, Information Development Authority (IDA) Chief Technology Officer Dr. Tan Geok Leng, National University of Singapore (NUS) Head of Electrical and Computer Engineering Prof. Chua Kee Chiang, NTU School of EEE Prof. Cheng Tee Hiang, CEO Acoustical Technologies Dr. Gan Woon Siong. IEEE volunteers were represented by Region 10 Director-Elect Prof. Lawrence Wong, Singapore Section Executive members and Chapter Chairs.

The re-location to Singapore's Science and Engineering Research hub will enable IEEE to collaborate with the Agency for Science, Technology and Research (A*STAR), and the Singapore Economic Development Board (EDB), on

world-class scientific research in biomedical sciences, physical sciences and engineering in Singapore.

"IEEE has made a strategic decision to have a presence in this district, which will enable us to more efficiently collaborate with local agencies in order to expand our operations in the Asia Pacific region," said E. James Prendergast, IEEE Executive Director. "We look forward to continuing to work with A*STAR and the Singapore Economic Development Board, both key contributors to local business and technology ventures." Helene Fung, a long time IEEE volunteer joins the branch office as Senior Strategic Planning Manager under Corporate Activities.



A*STAR also took the opportunity to honour 3 of its technologists for winning IEEE awards; David Townsend for 2010 IEEE Medal for Innovations in Healthcare Technology, Dim-Lee Kwong for 2011 IEEE Frederik Philips Award and Tony Quek for IEEE GLOBECOM 2010 Best Paper and Gold Best Paper Awards.

IEEE will use the office to facilitate future activities that will include the expansion of continuing education programs for members and the local technology community, roundtable workshops and seminars featuring industry leaders, as well as other technology themed events. Supporting this expansion are IEEE locations in Bangalore, India (opened on 29 October 2010), Beijing, China and Tokyo, Japan.



From L to R: Principal Investigator and Senior Research Engineer of Institute for Infocomm Research A*STAR, Dr. Tony Quek, Executive Director of Institute of Microelectronics A*STAR, Prof. Dim-Lee Kwong, Chairman of A*STAR, Mr. Lim Chuan Poh, IEEE President, Mr. Pedro Ray, IEEE Executive Director, Mr. James Prendergast and Managing Director of A*STAR, Prof. Low Teck Seng.

Fanny Su and Ewell Tan

IEEE Asia Pacific Operations Centre, Singapore

R10 Research News

Mobile Phone Based Intelligent Home

Masters of Science (Engineering) thesis work by Sheikh Izzal Azid, The University of the South Pacific

The office of the Pro-Vice Chancellor (Research and Innovation) of The University of the South Pacific (USP), Suva, Fiji, organized a Three Minute Thesis (3MT) competition on 20th August 2010. There were 14 (MSc and PhD) research students in this competition to present a compelling oration on their original research work and its significance using a single PowerPoint slide. There were five judges namely; Prof. Alan Lawson (Chair - Pro Vice Chancellor Research and International, Queensland University, Australia), Prof. Susan Kelly (Deputy Vice Chancellor, USP), Prof. Patrick Nunn (Pro Vice Chancellor Research and Innovation, USP), Mr. Jaindra Karan (Director Development and Marketing at USP) and Mr. Malcom Ponton (European Union Delegate). Prof. Lawson, the originator of the 3MT competition, told that the USP is the first university outside of Australia and New Zealand to organize such competition. There were about 200 audiences from USP and wider community. My presentation was awarded for Popular Choice.

3MT Competition - 2010 supports the development of research students' capacity to communicate ideas effectively to a range of non-specialist audiences and to the wider community. The aim of this competition is to help researchers 'crystallize' their thoughts about their thesis and how to communicate their research internally and externally to promote the value of PhD and Masters research.

I presented my MSc research work on Mobile Phone Based Intelligent Home supervised by Dr. Sushil Kumar. The proposed Mobile phone based Intelligent Home is much convenient, flexible, and cost effective than the internet based or other wireless services based Intelligent Homes. It is safe from network attacks and can be operational from anywhere in the world having a Global System for Mobile Communication (GSM) network. The mobile phone based Intelligent Home is designed to look after the home and alert the occupant and the relevant civil authorities in an average time of 9.36 sec in case of emergency.

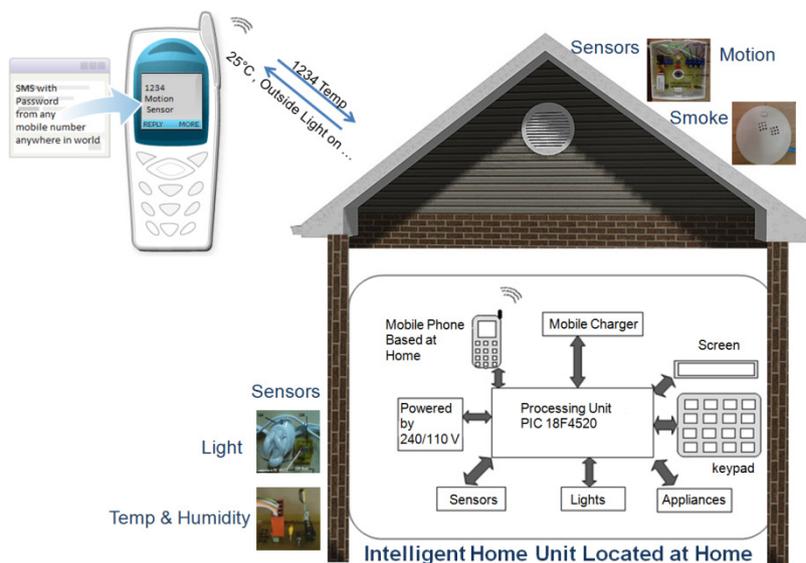


Figure 1: Mobile Phone based Intelligent Home

For an Intelligent Home as shown in Figure, the selection of sensors is very important. The motion detectors are used in absence of the occupant to monitor the unauthorized movement in the home. Smoke detectors are also important safety devices, because of their obvious potential to save lives and property from fire hazards. The temperature and humidity sensors can monitor the inside environmental of the home. The light sensors are required to control and monitor the lights inside and outside the Intelligent Home.

The operation of the proposed and tested Intelligent Home is protected by a four digit password. If the occupant wants to activate any of the appliances for which sensors have been connected, he/she can send the SMS from any mobile phone, anywhere in the globe. The unit at home would identify the password, perform the command and verify the task suggested by the occupant. In case of wrong password, the unit would reply as an INCORRECT PASSWORD message. The occupant would get feedback on the status of the task via a SMS. In unforeseen circumstances such as bulb blow off, the occupant would be informed instantly.

The proposed intelligent home is also capable of controlling the other home appliances such as air conditioners and electric kettles. This can be very helpful to the working class people as they can have things ready such as hot water for tea and the room temperature at the desired level on their way to home from work.

The control unit has been mounted inside the home with screen and the keypad for the user to enter or change the password. It is also interfaced to the mobile phone to send and receive messages. In case of low battery, the unit automatically detects it and charges the battery and in case of low credit in the mobile connected in the Intelligent Home, the system sends a callback message to the occupant, which is free for any network, so the occupant can transfer credit online or via his/her mobile phone at home.

Direct serial communication between the mobile phone and the microprocessor was modified because both the mobile phone and the microprocessor are modem devices in serial communication. For a serial communication one side has to be a modem (DCE) and the other is the controller (DTE). Experiments were successfully done to test operation of the Intelligent Home system using the Vodafone Fiji mobile network. The electronic system is safe, suitable, and cost effective for the homes in the South Pacific Region that can provide the alerts from the home related safety threats.



Sheikh Izzal Azid (IEEE Student member) received his MSc in the area of Comms, Networking and Security in 2010 and BEtech in E&E Engineering from the USP. His research interests include mobile and wireless comms, embedded microprocessor applications, mobile networks and security

Supervisor: Dr. Sushil Kumar, School of Engineering and Physics, The University of the South Pacific, Fiji.



IEEE R10 Councils & Sections

News and Highlights

IEEE Taipei Section

2010 Summer School on Information/Communication Theory and Technologies

2010 Summer School on Information/Communication Theory and Technologies was held at the International Conference Hall of the Microelectronics and Information Systems Research Center, National Chiao Tung University (NCTU), Hsinchu, Taiwan, R.O.C., from August 2 to August 6, 2010. It was sponsored by the IEEE Information Theory Society Taipei Chapter, IEEE Communications Society Taipei Chapter, and IEEE Communications Society Tainan Chapter, co-sponsored by the Microelectronics and Information Systems Research Center, Institute of Communication Engineering, Department of Electrical Engineering, NCTU, Institute of Communications Engineering, Department of Electrical Engineering, National Tsing Hua University (NTHU), NCTU Communication and Information Software Technology Training Program, Ting-Shiun Telecommunication Development and Education Foundation, and Hsinchu Science Park Administration. The Summer School provided tutorial lectures on various subjects in the fields of Information Theory and Communications to participants mainly composed of new graduate students in related fields, plus some senior graduate students and people from the industry. This was the sixth time that the Summer School had been held since 2005. It attracted a total of 261 participants this year. Nine tutorial lectures were offered: "Introduction to Digital Communication Systems" by Prof. Li-Chun Wang, NCTU, and "Information Theory" by Prof. Hsiao-feng (Francis) Lu, NCTU, "Detection and Estimation" by Prof. Y.-W. Peter Hong, NTHU, "Channel Coding I" by Prof. Mao-Ching Chiu, National Chung Cheng University, "Channel Coding II" by Prof. Chung-Hsuan Wang, NCTU, "Transmission Technologies" by Prof. Ta-Sung Lee, NCTU, "Receiver Technologies" by Prof. Wen-Rong Wu, NCTU, "Multiple-Input Multiple-Output Communications" by Prof. Che Lin, NTHU, "Wireless Systems and Applications" by Prof. Wern-Ho Sheen, Chaoyang University of Technology. Those participants who attended all of the nine tutorial lectures could receive a certificate from the Summer School.



The Summer School not only offered tutorial lectures to participants, who would find them beneficial in future study and work, but also provided a platform for information exchange and intercampus collaboration. Considerable registration discounts were offered to IEEE members,

thereby attracting 34 new IEEE members with this event. Overall, this was a successful event, both in terms of providing tutorial lectures for participants and promotion of IEEE.

Petri Nets in Telematics

For the event, the Taichung Chapter, IEEE SMCS, invited Prof. Mu-Der Jeng from the Department of Electrical Engineering, National Taiwan Ocean University, Keelung, Taiwan, ROC. He was the Founding Chair of IEEE Robotics and Automation Society Technical Committee on "Semiconductor Factory Automation". Currently, he is an IEEE Fellow, an Associate Editor of IEEE Transactions on Robotics and Automation, and an Editorial Board Member of International Journal of Computer Integrated Manufacturing, Taylor & Francis. Prof. Jeng with his expertise and research results gave a very interesting and inspiring talk on "Petri Nets in Telematics". Many IEEE SMCS members and student members were impressed with his short but wonderful presentations and his new and outstanding research results. Overall, all attended scholars and students gave enthusiastic responses to Prof. Jeng's speech. In addition, Prof. Mu-Der Jeng's visit and academic exchange at Taichung Chapter, IEEE SMCS, provided members and students the opportunity to learn more about Telecommunications and Informatics applied in wireless technologies and intelligent systems so that the substantial benefits can be obtained.



The event was held by a disquisition, and by focusing on exchange of research experience. The enthusiastic responses from all participants indicated that this activity not only reached its pre-specified goals, but also assisted many IEEE SMCS members and student members to gain knowledge about Telecommunications and Informatics applied in wireless technologies and intelligent telematic systems.



Newly Established Chapter

Two new Chapters, Sensors Council and Council on Electronic Design Automation Chapter, are established. Sensors Council was founded on 1 March 2010, and led by Chapter Chair Prof. Paul C. P. Chao and Council on

Electronic Design Automation Chapter was founded on 18 August 2010, and is led by Chapter Chair, Prof. Chung-Yang Huang who expects not only to provide more services but also more activities for the IEEE members. Taipei Section has currently a total of 33 Society Chapters and 8 Student Branches. The total number of members is expected to continue to grow in the future.

Prof. Chin-Teng Lin
Chair, Taipei Section 2010

IEEE New Zealand South Section
30th Anniversary Celebration

The New Zealand South Section celebrated its 30th anniversary in April. The Section celebrated with a presentation and a dinner, which were well attended by many of the members who have made a contribution through the years. Both events were hosted by Robin Harrington, current Section Chair. Robin was instrumental in setting up the New Zealand South Section, and he recounted the circumstances of its formation. A New Zealand Section had been formed in 1968, with most activity taking place in Auckland (in the North Island of New Zealand). Some activity took place in Canterbury with Howard Jelinek, and then Alan Gibson acting as Student Counselor. Robin first raised the possibility of a South Island Section in 1975 – but found the requirement for fifty signatures to be impossible to achieve – as there were only twenty-seven IEEE members in the South Island. A new approach was adopted in 1979, with the concept of New Zealand North and New Zealand South Sections, with the boundary line being north of Wellington. This concept was met with enthusiasm by Wellington members. It was finally submitted in May 1979 and approved in July - the only problem being that IEEE admin kept this a secret until November. Finally New Zealand North and New Zealand South were set up in early 1980, and the inaugural meeting was held in April 1980.

Past Section Chair John Errington and past Student Counselor Bob Hodgson shared memories of the New Zealand South Section during the time they spent on the committee. Past Section Chairs Andrew Bainbridge-Smith and Adrian Busch spoke, with Andrew discussing contemporary issues and Adrian discussing the value of IEEE membership to industrial members.

The New Zealand South Section hosts a number of technical Chapters - a joint Power Electronics/Power Engineering

Society Chapter, a joint Communications Society Chapter, a joint Microwave Theory and Techniques Chapter, a Computer Society Chapter, and a joint Robotics and Automation Chapter. In 2008 a New Zealand Central Section was formed from the subset of the original New Zealand South Section in the North Island. A Central sub-Section had been running for a number of years, and the split resulted in an organization better able to serve IEEE members in the lower North Island. Around half the membership of the New Zealand South Section lived in the in the North Island at the start of 2008, and the split has resulted in a viable and vibrant New Zealand Central Section.

After the dinner Section Chair Robin Harrington presented awards to a number of members who have made a contribution through the years. Six Section Chairs were in attendance, who among them had chaired the Section for all but four of the last thirty years. Also in attendance was Trevor Ingham, who has been the Section Secretary for many years, and was recognized by the Section last year with an Outstanding Volunteer Award on the occasion of the IEEE 125th anniversary. At the conclusion of the dinner Robin Harrington was roundly applauded for his organization of an excellent celebration, and for his contribution during the first 30 years of New Zealand South Section.



Past Section Chair Mike Dewe with a mock US arrest warrant presented by Robin Harrington



Section Chair Robin Harrington thanks past Section Chair John Errington, applauded by Ainsley and Andrew Bainbridge-Smith, and Wenhui Wang

Adrian Busch, SMIEEE
Vice-Chair, IEEE New Zealand South Section



New Zealand South Section celebratory dinner. At the end of the table, Past Section Chair Richard Duke sits next to Communications Chapter Chair Harsha Sirisena. At the right, Student Counselor Alan McInness faces the camera.

IEEE Tokyo Section

Tokyo Section Life Members Affinity Group Established

The IEEE Tokyo Section Life Members Affinity Group (LMAG) was established and the first General Assembly was held on October 8, 2010 (IEEE day!) at ARCADIA ICHIGAYA, Tokyo. This is the first LMAG in Japan and consists of all the more than 300 life members in Tokyo Section. In the General Assembly, Professor Imai, Chair of IEEE Tokyo Section explained the background of the establishment. Then, Dr. Kohei HABARA, Dr. Shiro USUI, and Dr. Yuko MOCHIDA have been approved as Chair, Vice-Chair, and Secretary of LMAG-Tokyo, and the activity plan for the coming year was introduced. Dr. Aoki, chair of IEEE Japan Council and Dr. Harashima, Past Chair of Japan Council made congratulatory addresses.



(Back row, from left) Japan Council Past-Chair Prof. Harashima, Japan Council Chair Dr. Aoki, Tokyo Section Chair Imai Ph.D. (Front row, from left) LMAG Vice Chair Usui Ph.D., Chair Dr. Habara, Secretary Mochida Ph.D.

After the General Assembly of LMAG-Tokyo, the 2010 Fourth Commemorative Lecture of IEEE Tokyo Section was presented by Dr. Eiju MATSUMOTO, IEEE Life Member and Japan Council History Committee, Secretary. In his talk entitled "IEEE Milestone and Experience of Technical Tour PANAMA", Dr. Matsumoto suggested varieties of acquisition know-how for the IEEE Milestone based on his experience throughout 14 domestic certifications since the first certification in Japan (Yagi-Uda Antenna). He also introduced his experience on participating in the Panama Canal tour, the first Technical Tour organized by IEEE Life Members Committee, and introduced other planned technical tours including one in Japan.



Dr. Eiju Matsumoto (IEEE Life Member, Japan Council History Committee Secretary)

Jyunzo KAWAKAMI

Chair, Publication Committee, IEEE Tokyo Section

IEEE Xi'an Section

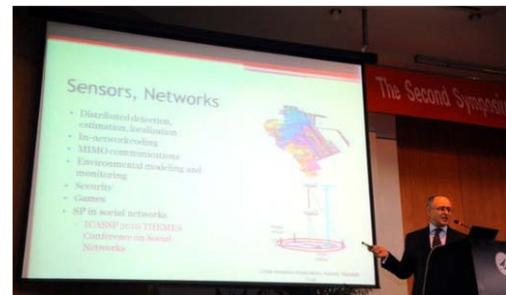
Symposium on IT Advances

The Second Symposium on IT Advances in 21st Century—Signal Process and Its Applications, sponsored by IEEE Xi'an Section, was held on September 22, at Northwestern Polytechnical University (NPU), Xi'an, China. Almost two hundred IEEE members, teachers and students participated in the symposium.

Chair of IEEE Xi'an Section, Prof. Jianguo Huang was the host. Prof. Bingbo Wei, Vice-President of the NPU, attended the opening ceremony. IEEE Fellow Mos Kaveh, President of IEEE Signal Processing Society, IEEE Fellow Zhi Ding from University of California at Davis, head of BRAT-Lab, IEEE Fellow Xiang-Gen Xia from University of Delaware and Prof. Jingdong Chen from Bell Lab were invited to speak in the symposium.



After the opening ceremony, Prof. Mos Kaveh made a special speech entitled 'Array signal processing-summary and the latest achievements', reviewing the application of the narrowband and the broadband array in radio communication and orientation as well as introducing the method of position fixing of the direction of arrival (DOA) using the spatial character and the sparsity of the communication channel. Then, Prof. Zhi Ding delivered a special speech entitled 'the signal processing in wireless sensor network (WSN) and active target location', introducing the problems facing the traditional distributed sensor network and wireless location technology, as well as the application of convex optimization in it. After the speeches, the professors discussed with the organizers about the topics they are interested in.

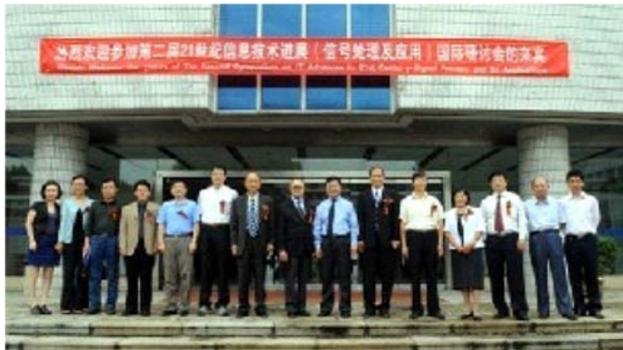


Prof. Mos Kaveh delivery the Special Talk

In the afternoon, combining with residue theorem in the Chinese classical military theory *Military Science of Sun Zi*, Prof. Xiang Gen Xia gave an academic report entitled 'Military Science of Sun Zi and the signal processing?'. The application of this theory in decimating and synthetic aperture radar (SAR) antenna array was introduced and it was very refreshing to the attendees.

Prof. Jingdong Chen, winner of the best paper award of IEEE Signal Processing Society in 2008, gave an academic lecture entitled 'The Application of Signal Processing in Audio Acoustics', expatiating the problems facing it and particularly recommending the latest research results of it in two key issues, i.e. echo cancellation and noise cancellation. This wonderful lecture received enthusiastic applause.

After the lectures, a forum was held to discuss how to improve the relationship between IEEE Xi'an Section and the IEEE SP societies and other Sections and, how to make a better connection between the IEEE and the undergraduates.



A group photo of participants outside the hall

The symposium proceeded in a warm and cordial atmosphere, bringing up abundant topics of information in science and technology to the IEEE members. It is proposed that the third symposium will be sponsored by IEEE Xi'an Section again next year.

Xinghua Zhang
Officer of IEEE Xi'an Section Office

IEEE Nanjing Section

WCSP 2010 Oct. 21-23, 2010 in Suzhou, China

Sponsored by IEEE ComSoc Nanjing Chapter

The 2010 International Conference on Wireless Communications and Signal Processing (WCSP 2010) held its latest successful annual event during Oct. 21-23, 2010 in Suzhou, China. More than 180 researchers, scientists, engineers and scholar students from all over the world participated in the conference.



The General Co-Chair, Prof. Xiaohu You, giving the welcome greetings at the opening ceremony of WCSP 2010

WCSP 2010 was co-sponsored by PLA University of Science and Technology, Nanjing, Southeast University, Nanjing and Shanghai Jiao Tong University, China and was technically co-sponsored by IEEE Communications Society, China Institute of Communications, and Chinese Institute of Electronics. It was also financially co-sponsored by

National Natural Science Foundation of China and Huawei Technologies.

The conference is the premier forum for the presentation of new advances and research results in the fields of theoretical, experimental, and applied wireless communications and signal processing. The WCSP 2010 conference brought together leading researchers, scientists, engineers and scholar students from around the world to exchange and share their experiences, new ideas and results in challenges encountered and solutions adopted.



Prof. Helmut Boelcskei giving the keynote speech "How sensitive is fading channel capacity to the channel model?"

WCSP 2010 attracted much attention from both academic fields and industrial fields. It received a total of 571 submissions from 32 countries. All papers were rigorously and independently peer-reviewed by the 153 TPC members and a large number of reviewers. The conference finally accepted 243 high quality papers from 25 countries, representing the acceptance ratio of 40%. Accepted papers were grouped into 30 sessions with 2 tracks: Wireless Communications and Signal Processing. Besides, there were two invited sessions: Cognitive Radio and Green communication and Network. A highlight of the conference was the 5 keynote speeches delivered by the distinguished world experts. They were Professor Geoffrey Ye Li from Georgia Institute of Technology, Prof. Ivan Stojmenovic from University of Ottawa, Prof. Helmut Boelcskei from ETH Zürich Communication Technology Laboratory, Dr. T. Russell Hsing from Telcordia Technologies and Prof. Shuguang (Robert) Cui from Texas A&M University.

Experts and scholars from all over the world praised the organization of the conference. They all hold that the conference has materialized and accelerated the recent development of wireless communications and signal processing.



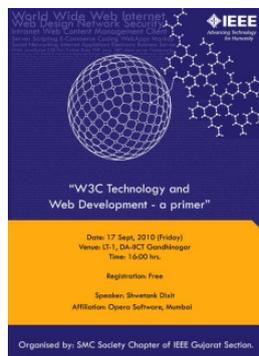
Prof. Sherman Shen, the International Advisory Committee member, awards the winners of the Best Paper Award at the conference banquet

Professor Guangguo Bi
Chair, IEEE ComSoc Nanjing Chapter

IEEE Gujarat Section

IEEE and Opera Software Excite Students at DA-IICT Gujarat, India

The web technologies and WWW Consortium (<http://www.w3.org/>) are in vogue these days. Right now, HTML5 and other upcoming W3C technologies like CSS3, Web Storage, Geolocation, etc., are being talked about, but there is not much awareness within academia (and even many parts of the industry) about them, and how they might be useful. The SMC-S Chapter of IEEE Gujarat Section thought it would be good for the students and professionals to know about them, as well as the importance of standards in technology and how the W3C (and other standards bodies like the IETF and ECMA) works in maintaining and improving them. Apart from that, it is also important, especially in a country like India, that we make sure that whatever web applications we make, they are accessible to all. Unfortunately, there isn't much awareness on how to make sure how to do this so that applications are accessible by people with disabilities or by differently-abled people. Internationalization and localization aspects of the web should also be addressed while developing a website with purpose, so that content can be displayed even for regional languages, is something worth talking about. It is assumed that especially for developing countries, the first experience on the web for many people might not be on desktops, but actually on mobile electronic devices. It would be interesting to know how people around the world are using mobiles to access the web, how is it leading to social change in many developing economies, how government around the world are using it, and what are the best practices to follow to make sure content is optimized for it.



With the above objectives in mind, a popular talk on W3C technologies entitled "W3C Technology and Web Development - a Primer" by Opera Software was hosted at Dhirubhai Ambani Institute of Information and Communication technology (DA-IICT), Gandhinagar. The talk was organized by the IEEE Systems, Man and Cybernetics Society

(SMC-S) Chapter of the IEEE Gujarat Section on 17th September, 2010.

The talk was aimed at making the young engineers, engaged

in web design and development, aware of the upcoming web technologies and the challenges therein. Seeing the exponential increase in usage of the Web for bridging the offline and online requirements, this talk's timing was very apt and significant.

Opera Software is a Norway based company that develops multi-platform Web Browsers that work on almost all devices and gadgets, particularly mobile and smartphones. Opera Mini and Opera Mobile are two of them.



Shwetank Dixit

Speaker Mr. Shwetank Dixit who works as a Web Evangelist with Opera Software in India, engaged the students for an hour and a half in an interesting, informative and interactive session. He explained the trends in the usage of the Internet worldwide and pointed

out interesting web usage patterns and trends. Ms. Mrunmayi Abroal, Communications Manager of Opera Software encouraged students to participate actively in the Opera Campus Crew programme. The Opera Campus Crew is a community outreach initiative to spread the word about Web standards on campuses and helps students to add value to their professional footprint. Prof. Anil Roy of DA-IICT and the Chair, IEEE SMC-S Chapter insisted on having some structured roadmap of this industry-university collaboration programme to keep students focused. He suspected that it might help them inculcate entrepreneurship skills too. Students were encouraged to participate in projects related to HTML5, Augmented Reality and open source projects such as Opera DragonFly.



Prof. Anil Roy

The talk was attended by over 150 students and young faculty of nearby engineering colleges. This event was closed by a note of thanks by Prof. Anil Roy followed by a high-tea for all participants.

Anil Roy
Immediate Past Chair, Gujarat Section
Chair, SMC-S Chapter of Gujarat Section



Attentive audience at the talk

IEEE Madras Section

IEEE-Day Celebration and The Inauguration of IEEE MTT Society Chapter

The Madras Section celebrated the IEEE- Day Celebrations on 8th Oct, 2010 evening at the Alumni Center, CEG Campus, Anna University, Chennai. Prof. Dr. P. Mannar Jawahar, Vice Chancellor, Anna University, Chennai, was the Chief Guest at the function.

On the same day, the IEEE Microwave Theory and Techniques Society (MTT-S) Madras Chapter was also inaugurated by Dr. P. Mannar Jawahar.

After the inauguration of the MTT-S Chapter, Dr. P. Hanumantha Rao, Senior Scientist, SAMEER, delivered a keynote talk on “Advances in Microwave Technologies”.

Dr. T. Thyagarajan, Chair IEEE Madras Section welcomed the gathering and introduced the Chief Guest. Dr. S. Salivahanan, Immediate Past Chair introduced the keynote speaker. Dr. N. R. Alamelu, Secretary proposed the vote of thanks. Around 100 IEEE members participated in the function. To commemorate the occasion, past Chairpersons and the ExeCom members were honored and a blue tie with IEEE logo and a USB drive (for ladies) was distributed to all the IEEE members present.



FDP on “High Voltage in Power System and Power Quality”

The IEEE Madras Section in association with the Dept. of Electrical and Electronics Engineering, Jeppiaar Engineering College, Chennai organized a Faculty Development Programme (FDP) on the topic “High Voltage in Power System and Power Quality” on 3rd and 4th Sep 2010. This was the 15th FDP in a series of programs aimed at improving the quality of teaching in Engineering Colleges in Tamilnadu.

The programme was attended by 22 faculty members of colleges and universities from all over Tamilnadu. The coordinators of the program were Dr. N. Kumarappan, Professor, Annamalai University and IEEE Madras Section Educational Activity Chair, and Dr. V. Rajendran, Professor and Head of EEE, Jeppiaar Engineering College, Chennai.

The programme was started with an inaugural function. Dr. M. A. Panneer Selvam former Dean, CEG, Anna University delivered the inaugural address, Mr. N. Marie Wilson, Director, Jeppiaar Engineering College preside over the function in the presence of Dr. Sushil Lal Das, Principal, Jeppiaar Engineering College, Chennai.

The Resource Persons for the program were Dr. N. Kumarappan, Annamalai University, Dr. M.A. Panneer

Use of Membership Data

As a geographic unit volunteer, you or someone in your Section/Chapter has access to SAMIEEE. SAMIEEE is a web enabled tool that allows ad-hoc querying, reporting, and downloading of IEEE membership data. Access to this system is limited to registered users with designated or automatic access. As a reminder, the use of IEEE membership data may be used only in connection with normal IEEE sponsored activities and may be used only for such purposes as are permitted under the New York Not-For-Profit Corporation Law. It may not be used for electioneering in connection with any office within IEEE, or for political purposes, or for commercial promotion.

As a geographic unit officer, you should not release membership data to individual members and/or other organizations. The web page of your geographic unit should never include the member number and/or address information for your officers and/or members. If you have specific questions about the use of membership data, please e-mail MGA Staff:

sec-chapter-support@ieee.org.

Selvam, Anna University, Dr. C. Christofer Asir Rajan, Pondicherry Engg. College and Dr. V. Rajendran, Jeppiaar Engineering College, Chennai.

The topics covered included: Causes of over voltages, Generation of over voltage, Over voltage in power system and its analysis, Effects of over voltage in power quality, Extra high voltage AC transmission system and HVDC transmission system.

The participants were also given Demo on EMTP by Mr. Venkatesulu Racharala, Application Engineer, Lanika Solution Pvt. Ltd., Bangaluru and CYME-Power engineering software and solution by Mr. Sampathkumar and Mr. G. Premkumar, Supporting Engineers, ImageGrafix Engineering Services Pvt. Ltd., Chennai. IEEE Madras Section thanks both the companies for their sponsorship.

The program ended with a valedictory function. Dr. S. Salivahanan, immediate past Chairman IEEE Madras Section, Principal, SSN College of Engineering delivered the valedictory address, Mr. N. Marie Wilson, Director, Jeppiaar Engineering College preside over the function in the presence of Dr. Sushil Lal Das, Principal, Jeppiaar Engineering College, Chennai.



The program received an excellent feedback from all the participants. The FDP provided a great opportunity to listen

to the experts and also to discuss various high voltage engineering issues.

Workshop on Cloud Computing

A three day workshop on Cloud Computing was jointly organized by the IEEE Computer Society, Madras Chapter, and Computer Society of India (CSI) Div IV on Communication, Chennai Chapter and Special Interest Group on Distributed Systems (SIG-DS) during 18-20, Aug 2010 at IIT Madras, Chennai.

This workshop, provided a platform in which experts from top notch organizations that are rewriting computing history such as Yahoo, Google, HP, IBM, Amazon, HCL, TCS, Hitachi, Netmagic, VMware, Novell, CSS Corp, Ramco, Trend Micro, Cognizant, Zscaler and Zoho shared their experiences and demystified the various aspects of cloud computing.

The workshop started with an inaugural session in which Mr. H.R. Mohan, Chairman, Div IV of CSI & IEEE CS welcomed the gathering and narrated about the genesis of the workshop and highlighted the overwhelmingly positive response of the cloud vendors and delegates in supporting this workshop. He also gave an outline of the activities of CSI & IEEE CS in popularizing the new technologies. Prof. D. Janakiram in his address spoke about the activities of the special interest group on distributed systems. Mr. Ramesh Gopalswamy, Chair of the program highlighted the details of the three day workshop and the goal of the workshop to provide both the business and technology perspectives of cloud computing. Dr. P. Sakthivel, Chair CSI Chennai Chapter, at the end of the inaugural session proposed the vote of thanks.

Mr. P. W. C. Davidar, Principal Secretary for Information Technology, Govt. of Tamil Nadu, in his inaugural address said that cloud computing presents opportunities to all sections of IT users and added that the State government is very much interested in the concept of cloud computing where storage and processing are distributed over a network. But some key problems including security of the data, the pricing, sustainability and the legal framework for data access from a country different from the country of its origin needed to be resolved, he said. The government is planning to launch some key IT solutions including a Labour Department application which would enable both the government and the private sector easy access to labour resources throughout the State, he said.

Mr. S. Mahalingam, CFO & ED, TCS, in his keynote address said cloud computing as a technology had already "arrived" but its business implications needed to be understood. While hardware, software and networking

solutions all would benefit from the arrival of the technology, the creation of an Intellectual Property regime and a legal framework were also important, he added.

Dr. M. S. Ananth, Director IIT-Madras, in his presidential address said the institution is divided on the issue of whether cloud computing would benefit the institution. Noting that NPTEL videos on YouTube are seeing the most hits in the country, he said cloud computing in its various forms could help the education sector.

The technical sessions of the workshop started with an overview presentation "Cloud Computing Landscape - Opportunities, Challenges & Way Forward" by Mr. Pari Natarajan, Co-Founder & Chief Executive Officer, Zinnov Management Consulting Pvt. Ltd.

The following other sessions, spread over the three days of the workshop, dealt with the various aspects of the cloud computing concepts and practices

- Large Scale Distributed Infrastructures (using Hadoop): Mr. Chidambaran Kollengode, Director Cloud Computing, Yahoo! India R&D
- Developers, Testers, and Students: The cloud is ready for you right now!: Mr. Gaurav Lochan, Staff Engineer, VMware.
- Everything as a Service: HP's Cloud Computing Vision & Strategy: Mr. Hemanth Thalakk Dattatreya, HP.
- Smarter Clouds on the Horizon: Mr. Subram Natarajan, Country Manager, Deep Computing & Systems Solutions Center, IBM.
- Private Cloud - A win-win for an organization: Mr. Jayabalan. S, CTO and Co-Founder, Netmagic Solutions
- Agile Cloud Infrastructure for a Sustainable Future: Mr. Sunil Chavan, Director, Software Group & Cloud Solutions, Asia Pacific, Hitachi Data Systems
- Security Challenges in the Cloud: Mr. Anuj Khandelwal, Technical Consultant-South India, Trend Micro
- On Demand ERP on Cloud: Mr. V.S. Sundara Raman, Chief Architect, On Demand ERP, Ramco
- Secure and Fast Internet Experience with Cloud Web Security: Mr. Atul Anchan, Technical Consultant, Zscaler.
- Developing a multi-paradigm platform for the Cloud: Mr. Sundar Mudupalli, Associate Vice-President, Enterprise Transformation Services, HCL Technologies.
- Build your Cloud using Intelligent Workload Management: Dr. P. K. Mishra, Principal Consulting Architect, Novell.
- CloudTestGo Platform: Mr. Ramakrishnan Sitaraman,



Director Testing Practice, CSS Corp

- Next generation work on cloud: Mr. Raj Bala, CTO, Cognizant
- Cloud Computing for the SME: Mr. Hyther Nizam, Product Management Director, Zoho
- Research Directions in Cloud Computing: Dr. D. Janakiram, Prof. Dept. of CSE, IIT Madras
- Security Issues in the Cloud Environment: Dr. M. Sasikumar, Director (R&D), Centre for Development of Advanced Computing (CDAC)
- Emerging Trends in Cloud Computing: Mr. Jaideep Mirchandani, Sr. Product Manager, Google
- Amazon Web Services covering Amazon EC2, Amazon S3, Amazon CloudFront, Amazon RDS: Mr. Simone Brunozzi, APAC Technology Evangelist for Amazon Web Services, Singapore
- User Experience: Cloud Computing as a Leveler -- Success Story in Micro Financing: Mr. Dasarathy Ramaswami, Vice President (IT & Special Projects), Janalakshmi Financial Services Pvt. Ltd, Bangalore
- Selection of Right Cloud Partner: Mr. K. Murugan, Associate Vice President-ICT, iSOFT, Chennai
- Best Practices & Migration Strategies for Cloud Computing: Mr. K. Ananth Krishnan, CTO & Vice President, TCS.

An interesting panel on "Are We Ready for Cloud?" was the highlight on the last day. The panel was moderated by Mr. S. Ramanathan, Vice President (Region - VII), CSI as the eminent panellists debated on the various facets of cloud computing as detailed below:

- Cloud for IT / ITES Segment: Mr. V. Balakrishnan, CIO, Polaris
- Cloud & Security Issues: Mr. Gan Subramaniam, Information Security Lead, Global Asset Protection, Accenture
- Cloud for SMEs: Mr. Vijay Venkatesh, President, Consortium of Service Providers for Upgradation of Enterprises [CAPSULE] & Founder and Managing Director - Syscon Solutions Private Ltd
- Cloud for Corporate Segment: Mr. T.G. Dhandapani, Group CIO, TVS Motor Co. Ltd
- Transformational Leadership and Cloud Computing: Dr. E.S. Krishnamoorthy, Hon. Secretary & Chief Executive, VHS and Founder CEO & Chief Consultant, TEJAS Healthcare Solutions

In the feedback session, the participants expressed their appreciation for the workshop. They added that this is the first time they are able to attend a three day workshop at a cost of Rs. 1250/- to 1500/- (depending on the member or non member category) and are provided with an excellent book on Cloud Computing (worth Rs. 475/-) plus Amazon Web Services coupon worth USD 25/= along with the workshop CD containing the presentations, whitepapers, case studies and success stories by the supporting organizations.

Mr. H.R. Mohan, Chairman, IEEE CS & CSI Div IV said that the registrations had to be closed well in advance since it exceeded the capacity of the hall and with the help of IIT Madras facilities, video streaming was planned on the intranet to accommodate additional 100 delegates. On the

whole about 350 delegates attended the workshop. Mr. Mohan further added that multiple in-depth sessions on specific areas of cloud computing with the support of organizations participated in this workshop are being planned in the near future and informed that both industry and academic community will be accommodated. The workshop pictures are hosted at <http://bit.ly/amHUod> and the presentations are made available at the workshop website at <http://www.csi-chennai.org/wcc/>. The workshop photos can be seen at <http://bit.ly/bIU2iB>

A limited number of copies of the workshop CD containing the presentations, whitepapers, case studies and success stories by the participating organizations are available at Rs.200. For details please contact Mr. Mohan at hrmohan.csi@gmail.com or Mr. S. Ramasamy at sypsys@vsnl.com.

**HR Mohan, Editor IEEE MAS LINK
IEEE Madras Section**

IEEE Hyderabad Section

Faraday Memorial Lecture

Faraday Memorial Lecture is one of the two signature annual events of the IEEE Hyderabad Section, the other being IEEE Hyderabad Section AISPC & Section Student Congress. The Faraday Memorial Lecture is organized in September every year to commemorate the father of engineering, Michael Faraday's birth anniversary. The first FML was held in the year 1991 and has been an integral part of the IEEE Hyderabad Section's annual calendar ever since. It comprises of a lecture of 90 to 120 minutes duration by an expert in the fields of electrical engineering, electromagnetic field theory and compatibility, control and automation systems, etc.

The 20th Faraday Memorial Lecture was delivered by Prof. Juan Manuel Martin-Sanchez, IEEE Fellow, adaptive-predictive control expert from Spain. This lecture on "Optimized adaptive control & industrial applications", was conducted on 21 September, 2010 in Birla Science Centre, Hyderabad. There were a lot of good queries from the audience that Prof. Sanchez answered after the lecture.



Prof. Sanchez started his lecture with the history of industrial control and their basic concepts from manual control, automatic control (PID Controllers and Expert Systems) and then advanced control - Adaptive Predictive Control and adaptive predictive expert ADEX control. He discussed various aspects of control of PID controllers and their deficiencies and problems in tuning. He then explained the elements of an Adaptive Predictive Controller through a block diagram. He emphasized on the need for proper and simple control for energy conservation.

Later he discussed the concepts of predictive control and optimised control with its adaptation. Predictive Control is an advanced tool but it is incomplete. In order to deliver a complete solution, it needs an adaptive mechanism capable of adjusting the parameters of the predictive model when the process dynamics change. He also discussed his US patent No 4,197,576 dated 8 Apr 1980 on adaptive-predictive control system.

A new control area of research by Prof. Sanchez called ADaptive predictive EXpert System – ADEX was discussed. He explained the difference between the conventional control and ADEX control. ADEX Control was applied in over 150 industries so far for process control of cement, chemical, thermal power stations and air-conditioning plants for energy conservation. He explained a real life application of ADEX control to optimized temperature control in a coal-fired plant in Scotland and how it has improved the efficiency and reduced operating costs of the plant.

Tutorial on Cooperative Communications.

The Comm/SP Chapter of IEEE Hyderabad Section organized a tutorial on ‘Cooperative Communication Systems: Theory and Practice’ by Dr. Neelesh B Mehta, Department of ECE, IISc, Bangalore, India on 25 Sep.2010 at International Institute of Information Technology, Gachibowli, Hyderabad. The tutorial gave a systems-level overview of cooperative communications. It started with an overview of various cooperative communications protocols, the choice of which depends on the extent of channel knowledge available at the nodes. An understanding of the performance and trade-offs of cooperative protocols was developed. Relay selection and distributed mechanisms for enabling selection were then discussed, given their simplicity and practical appeal. The tutorial thereafter highlighted the research on multihop cooperative networks and infra-structure-based relay-aided cooperation. It concluded with an overview of the cross-layer aspects of cooperation and the cooperative architectures currently being considered for LTE and LTE-Advanced.

S K Salankayana

Editor, Synapse, IEEE Hyderabad Section Newsletter
news@ieeehyd.org

News from WIE Affinity Groups

IEEE Bangladesh Section Women in Engineering Affinity Group Formed



IEEE Bangladesh Section WIE Affinity Group has been formed on receiving official approval from the IEEE Member and Geographic Activities. The effective date of this affinity group formation is 25 August, 2010. Dr. Celia Shahnaz, Assistant Professor, Department of EEE, Bangladesh University of Engineering and Technology, has been recorded as Affinity Group Chair.

Congratulations and best wishes to Dr. Celia Shahnaz for the successful operation of this Affinity Group!!

A.B.M. Harun-ur Rashid
Chair, IEEE Bangladesh Section

WIE Affinity Groups, Pakistan

FORMATION OF "PAKISTAN WIE FORUM



IEEE Pakistan WIE Forum was initiated and planned by IEEE-WIE Government College University Faisalabad (GCUF) on 30th May 2010 during the National WIE Summit 2010. The vision of this forum is to integrate the female students from all the Engineering,

Science and Technology institutes across Pakistan, to create opportunities for them and promote Pakistan as a progressive nation. It was with this vision that eight WIE members were selected from WIE Branches all over Pakistan to constitute the Executive Committee.

IEEE Lahore Section

Shalra Ijaz (NFC-IEFR FSD)

Mehvish Zahoor (GCUF)

Talat Noreen (Islamic University Bahawalpur)

Benazir Peter GC University, Faisalabad (GCUF)

Hira Fayyaz GC University, Lahore (GCU Lahore)

IEEE Islamabad Section

Fatima Imdad (National University-FAST-Islamabad)

Mehak Akhlaq (National University FAST-Islamabad)

IEEE Karachi Section

Rabia Khalid (Pakistan Navy Engineering College, Karachi (PNEC))

The Executive Committee pledges to build the Pakistan WIE Forum on strong foundations and set its credibility among universities, industry and IEEE entities. IEEE Pakistan WIE Forum aims to engage the WIE groups of all three IEEE sections, to broaden the WIE circle in Pakistan, work for organizing and coordinating future activities like engineering workshops, industrial tours and online discussion forums. On top of all, the prime commitment of the PWF is to spread the voice of engineering women across Pakistan and internationally.

Rabia Khalid

Vice-Chair, WIE IEEE PNEC

Executive Member Pakistan WIE Forum

WIE Affinity Groups, Kerala Section

Inauguration Of WIE SB Affinity Group

The IEEE Women In Engineering SB Affinity Group of the college was inaugurated in April 2010 by Prof. P. A. Mercy, Head of Electrical and Electronics Engg. Govt. Engineering College, Thrissur. She gave a talk on the problems and challenges being faced by women engineers and also inspired the women engineers to come forward in their career.

WIE WEEK CELEBRATION-HUB 4

ENIGMA, fourth day of WIE Week Celebration by hub 4 was hosted at Jyothi Engineering College on 07 Oct 2010. This event focused on increasing the technical knowledge of WIE members. The function was inaugurated by Mrs. R. Gayatri Nair, Deputy Chief Engineer, KSEB and Project Manager, KDPP. In her inaugural address, she exhorted women engineers to encourage themselves as leaders in

their place of work with effective communication, integrity of character and proper time management.

The inaugural function was followed by a technical talk on FREE SOFTWARE by Prof. Raju. C. K, Head of IT Dept. MESCE, Kuttippuram. He stressed on the advantages of using free software and encouraged students to go for it.

The next session was an "Introduction to Robotics" by Mr. Sreekanth. M, Lecturer, JEC. This session was well



appreciated by the participants as it included practical demonstrations.

In the afternoon session, Dr. V. Kumar, Scientist, C-MET, Govt. of India, Thrissur gave a talk on Nanotechnology. He explained the applications of this cutting-edge technology in various aspects of engineering.

Delegates from Govt. Engineering College, Thrissur, Vidya Academy of Science and Technology, IES Engineering College, Royal College of Engineering and Jyothi Engineering College attended the day's programme.

Jithin Joy

IEEE SB Chair, Jyothi Engineering College, India

IEEE SB WIE Pakistan Navy Engineering College

Women In Engineering Session at PSC'10

Pakistan Student Congress is an annual gathering of representatives of IEEE Student Branches, to promote collaboration, share knowledge and experiences and to learn how to reap benefits of being an IEEE Member. This year, Pakistan Student Congress 2010 was organized by IEEE Karachi Section at Usman Institute of Technology on 29th - 31st October. It provided a chance for students to interact with industry speakers and houseful of learning seminars.

Pakistan Women In Engineering Forum in collaboration with Karachi Section and WIE Coordinator Karachi Section organized the Women In Engineering Session PSC'10 on 30th October. It provided a perfect platform to the representatives of the WIE AG from all three IEEE Sections in Pakistan to share their events and functioning with each other. Mr. Shahab Siddique, the Vice-Chair IEEE Karachi Section, presided over the session. Starting off with a brief introduction of the attendees, we had a WIE GSM (Graduate Student Member) session with Ms Nimra Kazmi, the Ex-Chair WIE PNEC. She enlightened the female students about the problems that a fresh female graduate comes across when she goes for job hunt. She also highlighted how IEEE platform can help in establishing contacts with the industry personals and how it can facilitate in getting a job or at least a chance for being interviewed.

An on spot activity was executed in which all the attendees were divided into four groups with representation from Lahore, Karachi and Islamabad Sections. Each team A, B, C and D were to consider themselves as an affinity group.

Among the group members they had to appoint themselves as a Chairperson, Vice Chair, General Secretary, Treasurer and other office bearers. Each team had to come up with a name of their affinity group starting off with the alphabet their team was assigned. On a paper they had to sketch out a four month activity plan for their respective group and for each event they were to assign tasks among the ExCom and the office bearers. They were given 30 minutes for their planning and discussion and after that each team was to explain their working strategies and plan of events. Also each team member put in the picture their duties, responsibilities and their role for the implementation of each event their affinity group had planned. It turned out to be a highly effective interactive session in which WIE girls from all three Sections worked together and shared ideas among themselves.

**Rabia Khalid, Vice Chair WIE
IEEE PNEC, Karachi Section**

**IEEE Student Branch Indira Gandhi Institute of
Technology, India**

Student Branch Activities at IGIT

WIE is important for us at Indira Gandhi Institute of Technology (IGIT) because we are a Women's college. We at IGIT, celebrated and endorsed the aims of WIE and our efforts are to make them alive at our campus premises.

IGIT IEEE - Microsoft Collaboration Session

The IGIT IEEE, in collaboration with MICROSOFT, gave its first introduction cum technical session to the students of IGIT on 28th September, 2010 in the IGIT Seminar Hall. The session had a combined participation of over 55 students from the first, second, and the third year students.

The introductory session was given by Ritu Dagar, IGIT IEEE Chairperson and Microsoft Student Partner. The session included an introduction of IGIT IEEE followed by the various Microsoft Student Programs and competitions. The students were also given links to access these Microsoft programs.

Game Development Workshop Using C++

A Game Development Workshop was given by Ashish Grover, a fourth year student of USIT, on 23rd October, 2010. The workshop had a participation of 33 students from both first and second year students of IGIT. An even more number of students wanted to attend the workshop, but due to the limitation of working computer systems in the lab, other students had to be denied.

Ritu Dagar

Chair IEEE SB Indira Gandhi Institute of Technology

IEEE Women in Engineering (WIE) provides members with the opportunity to network at a local level through WIE Affinity Groups. Currently, there over 290 IEEE WIE Affinity Groups worldwide that organize and host diverse activities including guest speakers, workshops, and/or seminars.

All members are encouraged to join and participate in their local group activities to promote growth within WIE. There are two types of IEEE WIE Affinity Groups: IEEE Section Affinity Groups and Student Branch Affinity Groups.

IEEE R10 Student Branches News and Highlights

IEEE Student Branch, The University of Auckland

Should software be patentable?

A public debate hosted by the University of Auckland IEEE Student Branch

Should software be a patentable invention? That was the question posed at a public debate held by the University of Auckland IEEE Student Branch on 15 October 2010, in association with the University of Auckland Debating Society. As engineering students, our activities can often focus on developing skills, be they technical or professional. But being a professional engineer is not just about doing the job: it is important to have an appreciation of the policy issues that face our profession.

With this in mind, our Student Branch added a new event to its already-busy second-semester calendar. Hosting a public debate encourages our members to consider the issue and form opinions—and more importantly, to be able to justify their opinions, whatever they are. At the same time, it raises awareness that, while debates on legal, political and health issues are common, there are also issues in engineering for which there is a need for more public dialogue.

The discussion on software patents is a topical one. Around the world, jurisdictions including the EU and US have grappled with the question of whether software should ever qualify to be patented. New Zealand, in particular, has a bill before its Parliament that, among other things, proposes to prohibit software patents. One of the core questions that this debate addressed is which model—patents or no patents—would better spur innovation in software. Because innovation is the key to technological advancement, and because software is such a common tool in our everyday lives, the question is highly relevant to society.



Debate organiser Hengjie Wang gives opening remarks, before the guest speakers (also pictured, sitting behind tables) present their arguments.

Executive Committee Member Hengjie Wang, who organised the debate, arranged for New Zealand Open Source Society (NZOSS) Vice-President Peter Harrison, Vadacom CEO Igor Portugal, Microsoft former Director of Innovation Brett Roberts, and two top debaters of our university's Debating Society to participate. Speakers from each side took turns in presenting speeches, with a question-and-answer session following at the end.

All of the speakers were highly intriguing and thought-provoking, and injected a lot of enthusiasm into what is seen by some as a “dry” topic. The debate was left open at the end—without an adjudication or audience vote. The

audience was left to ponder for themselves: Is software analogous to books, which don't need the ideas contained within them to be protected, as Mr Harrison argued? Or, do patents give small innovative players the critical platform they need to negotiate deals with major corporations like Microsoft, as Mr Roberts suggested?

The potential for engineering-related debates extends not only to intellectual property, but to government R&D funding, renewable energy strategy, radio spectrum management and so much more. There is no better place for this than in a university, an institution charged with task of challenging and analysing ideas. The Student Branch is grateful for the support of the invited speakers, and hopes to see more public discussion on engineering issues in the future.

By Chuan-Zheng Lee

Chair, University of Auckland IEEE Student Branch

IEEE Jamia Millia Islamia, India

Region 10 Outstanding Student Branch Award

*Try to discover the road to success and you'll seek but never find,
But blaze your own path and the road to success
Will trail right behind.*

Robert Brault

Perhaps these lines were the inspiration that led the Student Branch of IEEE Jamia Millia Islamia (JMI), New Delhi, to work round the clock dedicatedly to realize the IEEE's dream of “advancing technology for humanity”. Thus, when IEEE Region 10 decided to confer the prestigious Region 10 Outstanding Student Branch Award to IEEE JMI, the volunteers could not have asked for more. The award was given keeping in mind the exemplary Student Branch operation at IEEE JMI under the guidance of Branch Counselor and Vice-Chair of Membership Development, 2010 MGA board Dr. Mini S. Thomas. The award has not only recognized the volunteer's efforts but has also inspired many others to join the IEEE JMI team to continue the good work. The IEEE members unanimously agreed that they could not have bagged such a prestigious recognition, had it not been for their Branch Counselor Dr. Mini S. Thomas. It was under her expert guidance and care that they achieved all that they have.

The award truly reflects IEEE's commitment in recognizing its volunteers' work and appreciating the good work. These appreciation and awards not only strengthen a Branch's belief in IEEE and what it stands for but also sends out a positive message that good work never goes waste. It inspires the volunteers and members to strive harder and harder and never to settle for anything but the best. Therefore, it is no surprise that members and volunteers of IEEE continue to stand by it and contribute to it throughout their lives.

The IEEE JMI would like to take this opportunity to pay its gratitude to all the student volunteers and members of the Branch, but most importantly the Branch Counselor Dr. Mini S. Thomas, without whom none of this was possible. Lastly to the IEEE society in general for giving the Branch and its students an opportunity of a lifetime...in making them believe that if you can dream it, you can do it too.

**Rahul Chauhan, Joint Secretary, Publications
IEEE Student Branch, Jamia Millia Islamia, India**

IEEE Student Branch UVPCE, Gujarat, India

Popular Lectures on Scientific Findings from Chandrayaan 1 Mission and Future Planetary Missions

Indian Space Research Organization is one of the very few successful space research programs in the world. After their successful completion of Chandrayaan I project they have moved on to bigger and greater projects. But ISRO also has a soft spot for students. They like to enchant the young engineers with what they do to explore the enormity of space. Thus, IEEE Student Branch U. V. Patel College of Engineering organized lectures on scientific findings from Chandrayaan 1 and future planetary missions, a one day event with talks by two of the most eminent ISRO scientists.

The event was organized on 9th October 2010 at Bhaikaka Bhawan, Ahmedabad. Apart from IEEE UVPCE, there were 3 other professional societies which collaborated for this event. These included Computer Society of India (CSI), Institute of Engineers (IEI), Indian Society of Remote Sensing (ISRS). There event was attended by around 250 students from all over Gujarat.

The event kicked off with speeches by Presidents of professional societies. Mostly they talked about what their professional societies are and why students should join it. After the inaugural a tea and refreshments session provided an opportunity for students to interact with scientists and experts.

The first talk by Mr. Arup Rai Chaudhary gave a general overview of the Chandrayaan-I Satellite including the general structure and mechanics of the satellite. He was very comprehensive and explained things quite well and tried to illustrate points which may have been hard to understand for a young engineer with no background in space exploration technologies. He also explained the remote sensing equipment used in imaging the moon.

The second talk by Dr. Prakash Chauhan was about the results obtained by remote sensing equipment used onboard the Chandrayaan I. He was very illustrative in his talk. Being a PhD in Geology, he was very excited when he started talking about craters on the moon. He gave interesting examples to make students understand his talk.

In the last quarter of the event, prominent scientist of ISRO (including the Director of SAC, Ahmedabad) held a discussion session. There were a lot of questions from students with subjects ranging from the conspiracy theories and aliens to future of ISRO, from management of ISRO to its stands in the scientific community. It was a very entertaining session for all.



Harshal Shah
Chair, IEEE Student Branch, UVPCE

IEEE Student Branch BRAC University, Bangladesh

Visit to Nuclear Facilities to Celebrate IEEE Day

On the 7th of October, 2010 IEEE BRAC University Student Branch members organized a tour to the Atomic Energy Research Establishment (AERE) to celebrate the IEEE Day.

Atomic Energy Research Establishment (AERE) is a research institution of Bangladesh Atomic Energy Commission (BAEC) for peaceful application of nuclear energy in fields of physical, biological and engineering sciences. AERE is situated in Ganakbari, Savar over a land area of 259 acres.

About 20 IEEE BRAC University Student members started the 2.5 hour journey towards Savar by bus. The tour was supervised by Rumana Rahman, lecturer of the SECS Department.

During the tour official explained the practical ways in which the research work is carried out at AERE. The first stop was at the Tandem Accelerator Center where one of the project designers from Holland explained the functions of the accelerator.

Next stop was the Institute of Nuclear Science and Technology (INST) where various products such as isotopes, etc are developed. Large organizations like Labaid and Apollo Hospitals use these isotopes for diagnostic purposes. The role of this in the medicine industry of Bangladesh is huge, and it is quite a remarkable advancement. The students also saw a neutron generator, and learned about its functionalities. Finally they visited the 3MW TRIGA Mark-II Research Reactor. They saw the main reactor and also the control rooms from where the scientists and researchers operate the reactor and conduct experiments. It is the one and only successfully operating nuclear reactor used for peaceful experiments in Bangladesh. The utilization of this research reactor is for radio-isotope production, neutron radiography, activation analysis, neutron scattering, academic research, and human resource development.



Tasfia Rahman
IEEE Student Branch BRAC University, Bangladesh

IEEE Student Branch DA-IICT, India

i.fest 2010

The IEEE Student branch at the Dhirubhai Ambani - Institute of Information and Communication Technology (DA-IICT), celebrated its annual fiesta 'i.fest' on 25 - 26 Sept 2010.

i.fest was initiated last year out of the aspiration to celebrate 125 years of IEEE. The main emphasis of the fête was to act as a platform to spread knowledge about science and technology with fun. It provided an opportunity to learn new things and applying the things learnt to solve some existing problems in the real world. The whole idea of organizing i.fest was to make students think beyond the limits, let the imagination go to newer places, bring out creative skills and in the end leave people wanting for more. Besides giving students the opportunity to compete with their peers, i.fest also provided a common platform to students from all over India to share their experiences and knowledge with their fellow IEEE members. Anticipation, exhilaration and exuberance were all a part of this fest.

The festival included both innovation and implementation, as we consider these two aspects extremely critical in the creation of new products and applications. The 'i' in the 'i.fest' stands for these two. Nine colleges from all over Gujarat participated in the campus events, and 15 participated in online events. A total of 12 campus events and three online events were held across these two days which had a total participation of 145 students.

This year the events fell in two categories: technical events and fun events. Technical events organized were i.bot (Robotics competition), C up your skills (C programming), i.eureka (proposing solution to a real world problem), i.debug (circuit debugging competition), i.code (Online Coding competition), i.math and i.vision (presentation of excellent projects done by students). Fun events comprised of i.design (Mouse Pad design competition), i.quiz (general

quiz) and i.rubble (Junkyard Wars). There was an open panel discussion at the end, which was centered around "innovation in teaching". Apart from these fun and technical events there was a motivational talk given by eminent speaker Prof. Anil K. Gupta from Indian Institute of Management, Ahmedabad Coordinator. He is the founder of SRISTI, Honey Bee Network Executive Vice Chair and is also involved with National Innovation Foundation. i.fest also promoted Women in Engineering by organizing a special talk by Mrs. Bharti Bhavsar - an active member of Self Employed Women's Association (SEWA), Her talk was about women empowerment in rural India. SEWA had also set up on display some of its handicraft products made by women from rural India during i.fest.

Last year, i.fest had conducted only technical events. But with the introduction of i.design this year, the fun component made a grand entry. The introduction of event like i.bot (Robotics competition) now hopes to attract more colleges every year, irrespective of whether they have an engineering background which was achieved to a certain extent by having membership from various commerce colleges towards the talks and the events.

For more details of the event please visit:

<http://ieee.daiict.ac.in/ifest2010>.

Raziuddin Ansari
Chair, IEEE Student Branch, DA-IICT, India

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2011 IEEE Computer Society Simulator Design Competition

IEEE Computer Society is presenting the 2011 Simulator Design Competition for students worldwide with a top prize of 8,000 USD and a second place prize of 2,000 USD. Student teams will be invited to design a CPU simulator, a program used in many architecture courses to illustrate how computers work.

The competition requires that students have taken a course in architecture and have both programming and software engineering skills. Student teams will submit both a report and a working program at the end of the competition.

The competition is open to student members of the IEEE Computer Society organized into teams consisting of three to five students enrolled at the same institution of higher learning.

The competition is conducted through online submission of reports and simulators to the panel of international judges (chosen by the IEEE Computer Society). This year's judges include Bob Colwell, one of the world's leading experts on computer design and Intel's former chief architect on the Pentium 4 processor.

To register and for more information visit the competition web site at:

<http://www.computer.org/portal/web/competition>

Registration deadline is 18 January 2011



Who can compete?



Upcoming IEEE Conferences in Region 10

2011 International Conference on Information Engineering and Mechanical Engineering (IEME)

22 - 24 Apr 2011

Conference Location: Xianning, China

Sponsored By: Wuhan Section SMC Chapter

Abstract Submission Deadline: 18 Jan 2011

Final Paper Submission Deadline: 15 Mar 2011

www.iemeconf.org/index.html

2011 IEEE MTT-S International Microwave Workshop Series on Innovative Wireless Power Transmission: Technologies, Systems, and Applications (IMWS 2011)

12 - 13 May 2011

Conference Location: Kyoto, Japan

Sponsored By: Kansai Section MTT Chapter

Abstract Submission Deadline: 07 Jan 2011

Final Paper Submission Deadline: 25 Mar 2011

www.ieee-jp.org/section/kansai/chapter/mtts/iwpt2011/

2011 International Conference on Business Management and Electronic Information (BMEI) 13 - 15 May 2011

Conference Location: Guangzhou, China

Sponsored By: Beijing Section, Wuhan Section

Abstract Submission Deadline: 12 Feb 2011

Final Paper Submission Deadline: 02 Mar 2011

www.bmeimeeting.org

2011 International Meeting for Future of Electron Devices, Kansai (IMFEDK) 19 - 20 May 2011

Conference Location: Suita, Osaka, Japan

Sponsored By: Electron Devices Society - ED, Kansai Section ED Chapter

Abstract Submission Deadline: 31 Jan 2011

Final Paper Submission Deadline: 20 Mar 2011

www.imfedk.org

2011 International Symposium on Water Resource and Environmental Protection (ISWREP) 20 - 22 May 2011

Conference Location: Xi'an, Shaanxi Province, China

Sponsored By: Beijing Section

Abstract Submission Deadline: 28 Mar 2011

Final Paper Submission Deadline: 10 Apr 2011

www.iswrep.com

2011 IEEE International Conference on Microwave Technology & Computational Electromagnetics (ICMTCE) 22 - 25 May 2011

Conference Location: Beijing, China

Sponsored By: Beijing Section

Abstract Submission Deadline: 31 Jan 2011

Final Paper Submission Deadline: 31 Mar 2011

www.cems.bj.cn/ICMTCE2011

2011 3rd International Conference on E-business and Information System Security (EBISS) 28 - 29 May 2011

Conference Location: Wuhan, China

Sponsored By: Wuhan Section E Chapter

Abstract Submission Deadline: 31 Jan 2011

Final Paper Submission Deadline: 26 Feb 2011

www.icebiss.org/

2011 International Conference on Machine Learning and Artificial Intelligence (ICOMLAI) 01 - 02 Jun 2011

Conference Location: Penang, Malaysia

Sponsored By: Beijing (Shenzhen) Section CAS Chapter

Abstract Submission Deadline: 01 Feb 2011

Final Paper Submission Deadline: 30 Mar 2011

www.icss-edu.tw/icomlai2011/index.htm

2011 International Conference on Information and Automation (ICIA) 06 - 08 Jun 2011

Conference Location: Shenzhen, China

Sponsored By: Robotics and Automation Society - RA

Abstract Submission Deadline: 01 Mar 2011

Final Paper Submission Deadline: 30 Apr 2011

2011.ieee-icia.org

2011 11th International Workshop on Junction Technology (IWJT) 09 - 10 Jun 2011

Conference Location: Kyoto, Japan

Sponsored By: Electron Devices Society - ED, Japan

Council ED Chapter, Kansai Section ED Chapter

Abstract Submission Deadline: 01 Mar 2011

Final Paper Submission Deadline: 19 Apr 2011

www.iwailab.ep.titech.ac.jp/IWJT/

2011 IEEE 16th International Workshop on Computer Aided Modeling and Design of Communication Links and Networks (CAMAD) 10 - 11 Jun 2011

Conference Location: Kyoto, Japan

Sponsored By: Communications Society - COM

Abstract Submission Deadline: 17 Jan 2011

Final Paper Submission Deadline: 28 Mar 2011

www.nprg.ncsu.edu/camad/

2011 IEEE Symposium on VLSI Technology 13 - 16 Jun 2011

Conference Location: Kyoto, Japan

Sponsored By: Electron Devices Society - ED

Abstract Submission Deadline: 24 Jan 2011

www.vlssymposium.org

2011 IEEE 15th International Symposium on Consumer Electronics - (ISCE 2011) 14 - 17 Jun 2011

Conference Location: Singapore, Singapore

Sponsored By: Consumer Electronics Society - CE,

Singapore Section, Singapore Section CE Chapter

Abstract Submission Deadline: 31 Jan 2011

Final Paper Submission Deadline: 30 Apr 2011

www3.ntu.edu.sg/SCE/isce2011/

2011 International Conference on Semantic Technology and Information Retrieval (STAIR) 27 - 29 Jun 2011

Conference Location: Kuala Lumpur, Malaysia

Sponsored By: Malaysia Section C Chapter

Final Paper Submission Deadline: 02 Jan 2011

www.ftsm.ukm.my/stair11

2011 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE) 27 - 30 Jun 2011

Conference Location: Taipei, Taiwan

Sponsored By: Computational Intelligence Society - CIS

Abstract Submission Deadline: 15 Jan 2011

Final Paper Submission Deadline: 30 Apr 2011

www.fuzz-ieee2011.org/

2011 International Conference on Secure Software Integration and Reliability Improvement (SSIRI)

27 - 29 Jun 2011

Conference Location: Jeju Island, Korea (South)

Sponsored By: Reliability Society - R

Abstract Submission Deadline: 15 Jan 2011

Final Paper Submission Deadline: 01 Apr 2011

paris.utdallas.edu/ssiri11/

2011 3rd Conference on Data Mining and Optimization (DMO) 28 - 29 Jun 2011

Conference Location: Bangi, Malaysia

Sponsored By: Malaysia Section, Malaysia Section C Chapter

Abstract Submission Deadline: 30 Jan 2011

Final Paper Submission Deadline: 30 Jan 2011

dmo.ukm.my/DMO11/

2011 16th Opto-Electronics and Communications Conference (OECC) 04 - 08 Jul 2011

Conference Location: Kaohsiung, Taiwan

Sponsored By: Communications Society - COM, Photonics Society - PHO

Abstract Submission Deadline: 18 Mar 2011

Final Paper Submission Deadline: 18 Mar 2011

www.oecc2011.org

2011 7th International Conference on IT in Asia (CITA) 11 - 13 Jul 2011

Conference Location: Sarawak, Malaysia

Sponsored By: Malaysia Section C Chapter

Final Paper Submission Deadline: 07 Jan 2011

<http://www.cita11.org>

2011 6th International Conference on Computer Science & Education (ICCSE 2011) 24 - 27 Jul 2011

Conference Location: Singapore, Singapore

Sponsored By: Singapore Section CS Chapter

Abstract Submission Deadline: 20 Mar 2011

Final Paper Submission Deadline: 30 May 2011

iccse.xmu.edu.cn

2011 International Conference on Advances in Social Networks Analysis and Mining (ASONAM 2011)

25 - 27 Jul 2011

Conference Location: Kaohsiung City, Taiwan

Sponsored By: Computer Society - C

Abstract Submission Deadline: 01 Nov 2010

Final Paper Submission Deadline: 01 Mar 2011

asonam.im.nuk.edu.tw/

2011 International Conference on Uncertainty Reasoning and Knowledge Engineering (URKE)

04 - 07 Aug 2011

Conference Location: Bali, Indonesia

Sponsored By: Indonesia Section

Abstract Submission Deadline: 05 Mar 2011

Final Paper Submission Deadline: 05 May 2011

www.iamse.org/urke

2011 IEEE 54th International Midwest Symposium on Circuits and Systems (MWSCAS) 07 - 10 Aug 2011

Conference Location: Seoul, Korea (South)

Sponsored By: Circuits and Systems Society - CAS

Abstract Submission Deadline: 04 Mar 2011

Final Paper Submission Deadline: 10 Jun 2011

mwscas.yonsei.ac.kr/

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