

Editor: Dr Zia Ahmed

**Message from Director****Year 2008 is about to End**

We are now in December; hence this is the last issue of R10 Newsletter in 2008. So many IEEE events happened since the September issue; among others

- Section Congress SC'08 held in Quebec, Canada, Oct 14 -19,
  - IEEE Board of Directors Meeting Series, Nov 10 -16,
  - TENCON 2008 in Hyderabad, India, 18 - 22 Nov , and
  - Announcement of IEEE Fellows (44 for R10), and of MGAB Awards
- these four being the most significant for our Region in my opinion. You can read about them in this issue of the Newsletter as well as about many other events, activities and anniversaries organised by our Sections, Chapters and Branches.

I would like to thank organisers of every single IEEE event, no matter how small or big the event was. You acted in the spirit of our organisation, namely you **Fostered Technological Innovation and Excellence for the Benefit of Humanity**. You sacrificed your valuable time for this purpose and I would like you to know that your efforts are greatly appreciated. Also I would like to congratulate newly elected IEEE Fellows and all IEEE Award recipients. Well done!

The end of 2008 marks the end of my term as the IEEE R10 Director (2007-2008). I remember how I honoured and privileged I felt when elected to this prestigious position, especially being the first woman in the 40 years history of Region 10. I still feel this way – it has been a great honour for me to serve as Region 10 Director, the biggest Region in the IEEE Family. Thank you very much for your confidence and trust ☺.

When my term started I set three major goals to be concentrated upon during 2007-2008, namely:

**GOAL 1: Region 10 ExCom – very active, well informed, innovative, dedicated and efficient**

- Duties and responsibilities
- Changes to ExCom
- Training of successors
- Preparation for work at HQ level

**GOAL 2: Increased Role of Region 10 at the HQ Level**

- Nominations
- Voting
- Communication

**GOAL 3: Increased Collaboration with the Industry**

- Industry Liaison Coordinator – *NEW*
- Region 10 Awards for supporting companies
- New Ideas

The goals were focused on improving functionality and efficiency of the R10 Committees, increasing visibility of our activities and of our volunteers on the HQ level and

**In this Issue.....****Director's Message****R10 Newest IEEE Fellows****Tributes to Outgoing R10 Director****R10 News & Highlights****R10 Executive Committee for 2009****Councils & Sections News**

- IEEE Tokyo Section
- IEEE Thailand Section
- IEEE Queensland Section
- IEEE Victorian Section
- IEEE New South Wales Section
- IEEE MP Sub-Section
- IEEE Tainan Section
- IEEE Taipei Section
- IEEE Philippines Section
- IEEE Seoul Section

**GOLD News**

- GOLD Summit 2008, Quebec, Canada
- GOLD News, Hong Kong Section
- Houston Section GOLD Visit to R10

**Student Branches – News & Highlights**

- University of Auckland Student Branch
- MP Sub-Section Student Activities
- HIIT Student Branch, Karachi, Pakistan
- JMI Student Branch, India
- ISTAR Student Branch, Gujarat, India
- VEC Student Branch, India
- NUCES Student Branch, Karachi, Pakistan
- Pakistan Students Congress & IEEE TechFair 2008

**Upcoming IEEE Conferences in Region 10****Region 10 EXCOM 2008**

widening cooperation with the Industry. I feel that we have made significant progress in all three areas although they will always be “work in progress” of course.

R10 ExCom positions were partly modified to reflect changes occurring within the IEEE. There are more adjustments coming for 2009 as the IEEE is a dynamic organisation and operates in ever changing environment. We put a lot of effort in defining duties and responsibilities of the Committees and its Chairs but paying attention to not limit creativity and initiatives. Creation of the Industry Liaison position resulted in development of new ways of interactions with companies and introduction of R10 Awards for the Industry.

The focus on training successors increased the pool of candidates eligible to serve on R10, Membership and Geographical Activities Board as well as on IEEE Committees. We nominated many volunteers from our

Region for various HQ committees and we hope that several of them will be selected.

Our Regional Newsletter and the Web have become great tools of communication, enabling exchange of information between the Sections in our Region. I was amazed by the breath and scope of IEEE activities occurring in our Region each time I read the Newsletter. These readings, together with my personal observations when visiting various Sections, have made my job of publicising R10 achievements outside our Region rather an easy one.

I think that our “marketing” campaign worked and as a result our efforts and achievements are now recognised and appreciated by other Regions, Sections and the IEEE Board of Directors. The R10 Student Congress held in Chennai in January 2008 gave a great insight into our student activities and made unforgettable impressions on the IEEE President Lew Terman and President Elect John Vig. Two Training Sessions at the Section Congress organised by volunteers from our Region (on Activating Student Branches and Humanitarian Projects) were excellent and showed the level of engagement that was second to none.

In fact running the Sessions gave our Region (and Sections involved) great publicity. The Kerala Section was invited to sign a Section Sister Agreement by five Sections and one Council from Regions 1 and 3. The Bangalore Section signed such an Agreement during the Section Congress. The visibility we have recently achieved increases chances of our volunteers to be selected to various IEEE Boards and Committees to continue excellent service to the IEEE on a higher level.

When we look at the list of 2008 MGAB Awards we can not help to notice that one third of all awards were given to our volunteers in R10. We scored the only Innovation Award (given to M.Thomas, Gopakumar S.



and Prijoe K., see the photo), three out of four GOLD Awards (I. Atov, Y. Oghoe and M. Joshi) and one Achievement Award (Ramalatha M.). Isn't it a great success keeping in mind that there are ten Regions !!!!!....

When we look at my Wish List (shown in R10 Meeting in 2007) we see that not all my wishes have been fulfilled. Our voting in the IEEE elections has improved and for the first time our voting percentage of 15.89% exceeded the world average; with seven sections achieving over 20%. However there is still a room for improvement to reach 30% as I wished. Also our membership has not increased by 20,000, as I hoped, being an incurable optimist during my term. The Region 10 has the highest growth of all the Regions but our increase will be below 10,000 I think. I am very glad that the IEEE has been established in Vietnam and I am expecting a significant growth of activities there once the Vietnamese volunteers acquire more experience.

If I were asked what aspect of the Directorship gave me the biggest satisfaction - my answer is ready. It was bringing to limelight the achievements of many our volunteers. Showing that although our Region is the youngest, we are no longer merely “Rest of the World”, but that our leadership and ideas can be beneficial to the whole IEEE.

If someone were to ask me what was the most interesting part of being the R10 Director I have an answer ready too. Not the IEEE Board of Directors meetings, which were long and often exhausting. It was meeting hundreds of outstanding volunteers, young and old, engineers and scientists, inventing next generation of wireless communication, organising meetings and conferences, teaching reading to under-privileged children, refereeing papers, mentoring students, creating software for diagnosis of autistic children and doing thousands of other activities. I found the meetings very rewarding and humbling. I have learnt so much from all of you. Thank you for these experiences.

I would like to end my Message with acknowledgements to Fanny and Serena from the Singapore Office for assisting me in my everyday work. Biggest thanks go to all Section and Council Chairs and R10 ExCom members, especially to Treasurer Minami-san, Student Activities Chair Mini Thomas, Zia Ahmed, Editor of our amazing Newsletter, Industrial Liaison Coordinator I. Shirakawa and WIE Coordinator Ramalatha. My appreciation also goes to my colleagues on the Board of Directors including Lew Terman, John Vig and Joe Lillie, Past Directors of R10, and to Cecilia Jankowski and Dan Toland from the Piscataway Office. Last but not least I would like to thank you all once again for electing me to Region 10 Directorship and for all support given to me during the last two years. I am sure you will give the same support to the incoming Region 10 Director YJ Park.

**And now I would like to wish a very Happy festive Season and a Prosperous New Year for you and your families.**

**あけましておめでとうございます**

**Nav varsh ki subhkamna**

**新年快樂**

**Sun nin fai lok**

**기쁜 새해를 맞이 합니다 Xin nian yu kuai**

**Chúc Mừng Năm Mới Selamat Tahun Baru**

**Suba aluth awuruddak wewa Shuvo Nabo Barsho**

**Naya Saal Mubbarak Ho Manigong Bagong Taon**

**Sawadee Pee Mai Ngā mihi mahana o te Tau Hou**

**Janina Mazierska**



## **CELEBRATE WITH IEEE**

The official IEEE 125 anniversary date is 13 May 2009. Join us throughout the year as we celebrate 125 years of innovation and ingenuity with special events online and across the globe. Whether you participate in a local celebration, or contribute to our [online message boards and contests](#), everyone can be a part of IEEE's Anniversary Celebration.

The Anniversary offers you an opportunity to celebrate along with IEEE. It is the perfect excuse to do something that showcases your IEEE involvement. Consider hosting a party, sponsoring a local school activity or leading a volunteer day in your community - the decision is up to you! For more ideas, visit the [planning & promotion action pack](#). Download the 10 reasons to host your own event flyer ([PDF | 84Kb](#)).

## NEW IEEE FELLOWS IN REGION 10

### IEEE Fellows Elevated as of January 2009

*Heartiest congratulations to our 2009 Class of IEEE Fellows!*

(Fellows are listed by their preferred Sections)

#### Beijing Section

**Prof Wen Gao**

Peking University, China

*for Contributions to object-based video representation and scalable video coding technologies and standards*

**Dr Stan Li**

Chinese Academy of Sciences, Institute of Automation  
National Laboratory for Pattern Recognition

*for contributions to face recognition, pattern recognition and computer vision*

**Prof Zhiping Yu**

Tsinghua University

Institute of Microelectronics, Beijing, China

*for contributions to modeling and simulation of advanced semiconductor devices*

#### Daejeon Section

**Prof Jong-Hwan Kim**

Department of Electrical Engineering and Computer Science, Korea Advanced Institute of Science and Technology (KAIST)

*for contributions to evolutionary algorithms*

**Prof Chong Kyung**

Department of EECS, Korea Advanced Institute of Science and Technology (KAIST)

*for contributions to system on chip processors*

**Prof Iickho Song**

Department of EECS, Korea Advanced Institute of Science and Technology (KAIST)

*for application of signal detection theory to vehicular communication systems*

#### Fukuoka Section

**Prof Takeshi Yamakawa**

Department of Brain Science and Engineering  
Graduate School of Life Science and Systems Engineering, Kyushu Institute of Technology

*for contributions in hardware implementation of fuzzy logic and other soft computing systems*

#### Hong Kong Section

**Prof Gang (Gary) Feng**

Dept. of MEEM, City University of Hong Kong

*for contributions to theory and application of fuzzy systems and control*

**Prof Yun-hui Liu**

Dept. of Mechanical and Automation Engineering  
Chinese University of Hong Kong

*for contributions to robotic multi-fingered grasping and adaptive visual servo systems*

**Prof Kim Man**

Electronic Engineering Department, City University of Hong Kong

*for contributions to evolutionary optimization in industrial electronics*

**Prof Ross Murch**

Department of Electronic and Computer Engineering  
Hong Kong University of Science and Technology

*for contributions to multiple antenna systems for wireless communications*

**Prof Xiaou Tang**

Dept. of Information Engineering, Chinese University of Hong Kong

*for contributions to pattern recognition and video processing*

**Prof Qiang Yang**

Department of Computer Science and Engineering  
Hong Kong University of Science and Technology

*for contributions to understanding and application of intelligent planning, learning and data mining*

**Prof Qi Tu Zhang**

Department of Electronic Engineering,  
City University of Hong Kong

*for contributions to wireless communications systems*

**Dr David Zhang**

Department of Computing

The Hong Kong Polytechnic University

*for contributions to biometric identification and systems*

#### Kansai Section

**Dr Michio Kadota**

Murata Manufacturing Co., Ltd., Japan

*for contributions to surface acoustic wave devices*

**Prof Shinichi Tamura**

Osaka University

*for contributions to pattern recognition and image analysis*

#### Madras Section

**Prof Ashok Jhunjunwala**

Dept. of Electrical Engineering

Indian Institute of Technology, Chennai

*for leadership in development of cost-effective telecommunications in remote areas*

#### Nagoya Section

**Prof Shoji Kawahito**

Research Institute of Electronics, Shizuoka University

*for contributions to sensor interfacing, sensor signal processing and multiple-level signalling*

**Prof Takashi Mizutani**

Graduate School of Engineering, Nagoya University

*for contributions to device physics, nanostructures and heterostructure devices*

#### New South Wales Section

**Prof Stuart Wenham**

ARC Photovoltaics Centre of Excellence, School of Photovoltaic & Renewable Energy Eng., EE

University of New South Wales

*for contributions to solar cell technology*

## Sendai Section

### **Prof Satoshi Tadokoro**

Graduate School of Information Sciences  
Tohoku University  
*for leadership in the development and deployment of rescue robotics*

## Seoul Section

### **Prof Yisok Oh**

Dept. of Electronic and Electrical Engineering  
Hongik University  
*for contributions to microwave remote sensing of soil moisture and surface roughness*

## Singapore Section

### **Dr Dim-Lee Kwong**

Institute of Microelectronics  
*for contributions to silicon technology and leadership in directing microelectronics research*

### **Prof Yong Lian**

Department of Electrical and Computer Engineering  
Faculty of Engineering, National University of Singapore  
*for contributions to the design of low-power high-performance digital filters*

### **Prof Beng Chin Ooi**

Department of Computer Science  
School of Computing, National University of Singapore  
*for leadership in data management technology*

## South Australia Section

### **Prof Yuri Abramovich**

Defence Science & Technology Organisation  
*for contributions to adaptive signal processing for detection and estimation in radar arrays*

## Tainan Section

### **Ching-Ting Lee**

College of Electrical Engineering & Computer Science,  
National Cheng Kung University  
*for contributions to gallium nitride-based optoelectronic and electronic devices*

## Taipei Section

### **Prof Char-Dir Chung**

Department of Electrical Engineering  
National Taiwan University  
*for leadership in the broadband wireless communications industry*

### **Dr Shen-Li Fu**

I-Shou University  
*for contributions to electronic packaging research and education*

### **Prof Jang-Ping Sheu**

Dept. of Computer Science  
National Tsing Hua University  
*for contributions to mobile computing and parallel processing*

## Prof Chi Sun

Graduate Institute of Photonics and Optoelectronics  
National Taiwan University  
*for contributions to high resolution medical microscopy and nano ultrasonic imaging*

### **Prof Jean-Lien Wu**

National Taiwan University of Science and Technology  
*for leadership in information and communication education*

## Tokyo Section

### **Dr Yoshitaka Fukuoka**

Weisti (Worldwide Electronic Integrated Substrate Technology Inc.), Japan  
*for development of multichip module and high density substrate technologies*

### **Prof Kazuhito Furuya**

Department of Physical Electronics  
Tokyo Institute of Technology  
*for contributions to optical fibers, semiconductor lasers and electron wave devices*

### **Prof Junzo Kasahara**

Japan Continental Shelf Survey Co. Ltd., Japan  
*for contributions to submarine seismic technology*

### **Prof Masayuki Sato**

Gunma University  
*for development of high voltage pulsed plasma in water*

### **Dr Kensuke Sekihara**

Department of Systems Design & Engineering  
Tokyo Metropolitan University  
*for contributions to electromagnetic brain imaging*

### **Mr Takeshi Taneichi**

Tokyo Electric Power Company, Japan  
*for leadership in developing and applying advanced power generation and transmission technology*

### **Dr Mitsuo Usami**

Central Research Laboratory, Hitachi, Ltd., Japan  
*for contributions to radio-frequency identification technology*

### **Prof Toshiaki Yamamoto**

Musashi Institute of Technology, Japan  
*for contributions to pollution and contamination control*

### **Prof Ryuichi Yokoyama**

Waseda University  
*for leadership in electrical power system management*

## Victorian Section

### **Prof Arthur Lowery**

Dept. Electrical & Computer Systems Engineering,  
Monash University  
*for leadership in computer modeling of optical communication systems*

## Xian Section

### **Prof Xi-Fan Wang**

School of Electrical Engineering  
Xilin Jiaotong University  
*for contributions to power system planning and power engineering education*

## Tributes to Professor Janina Mazierska

### Region 10 Director 2007-2008

#### From IEEE President 2009

Dear Janina, thank you for the terrific job you did as Region 10 Director, and on the Board of Directors of IEEE. You ran the R10 meetings effectively; the meetings I had attended were always productive. On the Board, you were never afraid to ask the difficult questions. You were usually the one who pointed out that the "emperor has no clothes."

I will miss your perceptive comments, questions and proposals during Board meetings in 2009. I will also miss the chance to dance with you. You dance well; you are easy to lead on the dance floor.

I wish you the best in your future activities; IEEE and otherwise, and, keep dancing!

**John Vig**  
2009 IEEE President & CEO



#### A job well done tribute to

#### Professor Janina Mazierska

Through day and night, the Region 10 Director, Professor Janina Mazierska has given her passion to make our Region a leading community in the IEEE Member and Geographic Activities.

Every member in the Region 10 has benefited and her time and efforts can never be forgotten.

This is a job well done tribute to Professor Mazierska recognizing that we all are aware and all agree her gifts of time and efforts - large or small - are special ones indeed.

**Dr. Jung Uck Seo**  
Region 10 Director (2003-2004)



#### Sincere Appreciations for Professor Janina Mazierska

On behalf of the entire membership in Region 10 it is my honour and privilege to express our sincere appreciation for the outstanding contribution and leadership that have been brought to the Region 10 by Professor Janina Mazierska as the R10 Director/Delegate and member of the IEEE Board of Directors. Two years seem too short for her presence. I had the opportunity to work or interact with her over the last two years on many occasions. Through my close association with Professor Janina Mazierska I have enjoyed working with her and have been very much impressed by her outstanding leadership and long range vision. The status of Region 10 has been substantially raised in terms of the membership development and the technical activities as demonstrated at the recent IEEE ICNNSP Conference held in the Nanjing Section area in June 2008. We are very proud to be members of Region 10.

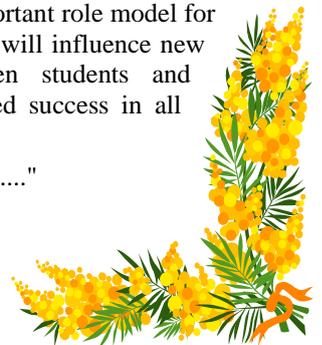
Finally thank you for all you have done for the IEEE.

**Seiichi Takeuchi**  
Region 10 Director (2005-2006)

"It has been a pleasure working with Professor Janina Mazierska. Her leadership as IEEE Region 10 Director has provided an invigorating experience for many of the Region 10 volunteer leaders, through her even-handed and open approach in encouraging engagement and interaction among the leadership forum as well as her astute sense of the key issues that are especially topical and relevant to the growth and impact of IEEE throughout Region 10. Just as important, she provides an important role model for aspiring women engineers that will influence new generations of young women students and engineers. I wish her continued success in all her future endeavours.

Thank you Professor Mazierska...."

**Lawrence**  
R10 Director-Elect 2011-12



# Tributes to Professor Janina Mazierska

Dear Director Mazierska,

It has been a special privilege to experience your leadership for the growing activities of Region 10. You bring a contagious enthusiasm to implementing your vision for developing the potential of the many IEEE Sections, Chapters, and Conferences to support our members in Region 10. I thank you for your dedication to IEEE and your commitment to fostering the technological innovation and excellence for the benefit of humanity.

Janina, your leadership has resulted in new IEEE Sections in Vietnam, China, and the growth of membership throughout all countries in Region 10. Your zest for living life to its fullness is an inspiration to all. Your respect for the cultures and practices of the many diverse elements of the IEEE family in Region 10 provides a model for the continued growth of IEEE throughout the world.

Janina, you have given generously of your time and yourself. You bring a “we can do this” attitude to the IEEE Board of Directors as we develop the global future of IEEE. You have been the right person at the right time to shape the dimensions of IEEE as a global organization.

Janina, Nancy and I deeply appreciate the friendship and support you have given us over the last two years. We look forward to the opportunities for continuing to work with you in developing the future of IEEE.

With best regards,

**Dick Gowen**  
**President, IEEE Foundation,**  
**Chair, IEEE History Committee**



Today Region 10 enjoys a higher profile in IEEE, the result of the new Vietnam Section, continued expansion of Section activities in China, increased visibility of Region 10 volunteers on board-level committees, and overall membership growth making Region 10 the largest IEEE Region.

With your encouragement and support Region 10 has also seen an increase in the number of active women, student and GOLD members in IEEE.

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

**Cecelia Jankowski**  
**Managing Director, Member Geographic**  
**Activities Department**



“It has been a real pleasure working with Janina during her term as Region 10 Director. During her time in this position we transformed Regional Activities to Member and Geographic Activities and Janina always represented and spoke for the member. Her focus on the member has served Region 10 and the entire IEEE very well.

I wish her the best as she concludes her term as a member of the IEEE Board of Directors and continues her work to serve the IEEE and the profession.”

**Joe Lillie**  
**Vice President**  
**IEEE Member & Geographic Activities**



I have the privilege of knowing Janina Mazierska and working with her for well over a decade. Initially she has been a part of my team for managing the Regional affairs in 1997-98 when I was Director. She has always discharged her responsibilities meticulously with alacrity and endeared herself to colleagues.

Years ago I discovered the magical spark and enthusiasm she possessed to take up higher positions. It was her consistent hard work and devotion to members’ cause that got her elected to the IEEE Board level position. During her tenure, she worked relentlessly to ensure all-around improvements. I have watched her perform from close quarters, taking up cause of our Region. One can only be proud of having her lead us. She has earned our esteem, admiration and love through her pioneering efforts resulting in her monumental contribution.

Our best wishes to dear Janina. Hope she continues to contribute to the glory and growth of IEEE.

**Harbans L Bajaj, Fellow IEEE**  
**Region 10 Director (1997-98)**



## *A Note of Appreciation for Janina Mazierska*

It has been my great pleasure to have had Janina Mazierska as the Region 10 Director during 2007 and 2008. Her leadership has been excellent and visionary. As a result there is a great IEEE expansion in China and other countries like Vietnam. Janina has been a great voice of our Region with IEEE headquarters and it is refreshing to see some of the resulting changes, like A4 size paper format templates for conference publications. On behalf of all the Sections in Australia, we wish Janina the best for her future and hope she will continue to be one of our significant voices with IEEE.

**Cornelis Jan Kikkert**  
**Chair, IEEE Australia Council (2007 - 2008)**



## Tributes to Prof. Janina Mazierska

### *A Message of Appreciation on behalf of all IEEE Sections in China*

We are honored to have the opportunity to work and interact with Professor Janina Mazierska over the last two years during her services as in the capacity of R10 Director and on many IEEE activities occasions in the past. It is a wonderful memory that during her services as the R10 Director, the IEEE development in China is impressive and exciting. During her R10 Directorship, the Shanghai and Xi'an sub-Sections were upgraded to Sections, the new IEEE Sections in Nanjing, Harbin, Chengdu and Wuhan were inaugurated and then the IEEE China Council was formed. We, on the behalf of IEEE Sections in China and IEEE China Council would like to express our great appreciation to Professor Janina Mazierska for her excellent contribution to IEEE R10 and especially to IEEE's development in China.

Dear Professor Janina Mazierska, we appreciated your work style and thank you very much for your time for IEEE and IEEE R10. Hope you will continue your effective contribution to IEEE and IEEE in China. ***You are always welcome to China.***

Zhou Mengqi , IEEE China Council  
Liao Fujiang, IEEE Beijing Section  
Fan Pingzhi, IEEE Chengdu Section  
Wu Qun, IEEE Harbin Section  
He Zhenya, IEEE Nanjing Section  
Mao Junfa, IEEE Shanghai Section  
Zhou Zhiping, IEEE Wuhan Section  
Huang Janguo, IEEE Xi'an Section



Professor Janina Mazierska and other IEEE dignitaries at an inaugural ceremony of an IEEE Section in China

Dear Janina,

On the behalf of Women in Engineering, we would like to thank you for your continued support and enthusiasm for promoting women around the world.

Best wishes from all of us at IEEE Women in Engineering.

**Karen Panetta**  
**IEEE WIE Committee Chair**

### **Professor Janina Mazierska, R10 Director 2007-08**

#### **A Role Model for Leadership**

During the past 35 years of association with IEEE I had the occasion to study R10 activities at close quarters and I feel proud to say that Ms Janina stands out as a role model for leadership. She is friendly, always going around with a smile and willing to render help wherever it is needed. That doesn't mean that she can't take a firm stand when needed. During her tenure, R10 was vibrant with activities across geographies and matching her leadership traits and performance standards will be a tough job in coming years. But the comforting fact is that she will still be among us in R10 to pass on the benefit of her rich experience to enable the new team to perform well.

I wish her long years of enriched life.

**N. T. Nair**  
**Chair, IEEE India Council**



#### **From Editor's Desk**

Professor Janina Mazierska's dedication for IEEE is admirable and her support to the IEEE Region 10 Newsletter over the last two years has been fantastic. Despite her very busy schedule and heavy workload she never failed to send her column for this newsletter on time. This was indeed a very remarkable level of commitment by all means.

Through her columns she not only kept the members informed about important issues but also acknowledged and encouraged the superb efforts of IEEE volunteers in R10. This has greatly helped the R10 Newsletter to play an important role in strengthening the fabric of IEEE family in Asia Pacific Region.

As the editor of the R10 newsletter, I enjoyed the freedom to set the newsletter and publish reports as I saw appropriate. I am really grateful to Janina for the trust she placed in me and allowed me to work independently.

I wish all the best to Janina for all her future endeavours.

Zia Ahmed  
Editor, The IEEE R10 Newsletter



# Tributes to Prof. Janina Mazierska

## A few words about Janina



Janina has been a constant source of inspiration for me from the time I met her in March 2005. I was more than delighted when she invited me to the R10 EXCOM and let me choose Student Activities, as that was my forte. I appreciate with gratitude the support received

from her during my tenure, especially for the introduction of new programs. The GINI project, which is working wonders for the student activities now, took off because of Janina's full support.

Personally, I have gained a lot from my association with Janina, how to handle difficult situations, how to be firm when required, many insights into the working of IEEE, different committees and their functioning. I have seen from close quarters that she is a very intelligent leader who can assess people well, take appropriate decisions and she makes sure that everyone gets their due share of recognition. She is a very caring individual and one can get many tips from her on healthy living

It was indeed a pleasure to work with Janina, who had a genuine interest for the betterment of the Region, the Sections & the individual volunteers. I wish her success in her future endeavors and hope that she reaches greater heights in IEEE!

**Mini S. Thomas**

**R10 SAC**



Janina,

Thank you for your invitation to be the inaugural Region 10 Life Member Coordinator. At the onset it seemed an interesting challenge, and this surely proved to be the case, which I am happy to advise I enjoyed.

The opportunity I had to get to know Life Members throughout the Region will give me many pleasant recollections in years to come.

If you were to ask me how I would best describe my experience I would need to quote a well known 'western' proverb "You can lead a horse to water but you cannot make him drink".

Thank you for being you.

**Graeme Gwilliam**

**R10 Life Member Coordinator**



**Professor Janina Mazierska,**

"It has been my great pleasure and experience to have been able to work with you for these two years. I have been quite impressed by your activeness and timely and logical decisions. I have learned a lot from you. I am sure and hope you will continue to work even more actively not only for R10 but also for the globe."

**Taka**

**Takatoshi Minami**

**IEEE R10 Treasurer (2007 - 2008)**

*Thank You Janina!*

Dear Janina,

I thank you for your trust, encouragement and support appointing me as the R10 GOLD coordinator this year.

I would like to applaud you for being a visionary who recognises the need to incubate volunteer talents from Region 10, and therefore throwing your support behind funding 5 GOLD delegates to this year's inaugural GOLD Summit and Sections Congress in Quebec, when the expected number of delegates per Region is only 3. With additional support from three Sections fully funding a GOLD delegate from their Section, and coupled with the fact that Sections Congress features two GOLD speakers from Region 10, we definitely had the strongest GOLD presence in Quebec and have made our mark.

Your visionary actions have definitely contributed to incubating more potential leaders from Region 10, and as a result, we're building a more solid foundation for the future of not just Region 10, but also IEEE as a whole.

**Helene Fung**

**IEEE Region 10 GOLD Coordinator**



# Tributes to Prof. Janina Mazierska

## Message from R10 WIE Coordinator

I owe my volunteership recognition at regional level to Janina, who put her confidence in my organizational ability on the basis of the very short email relationship we had last year when I was struggling to get the approval for the R10 WIE Congress. And judging by her praise during the Sections Congress at Quebec, I am sure I have not failed her. Her unassuming nature, her quick decision making ability, her friendly smile and her genuine care for her friends were an inspiration to me.



Though I was a new face at R10 EXCOM meet at Korea, her gentle authority and her ability to listen patiently put me at ease. I remember the hilarious time we had at the R10 Congress trying to keep her *Sari* intact after pandering to her adventurous nature and dressing her in Indian style – complete with *Sari* and flowers. Her unselfconscious enthusiasm and her high praise that I was an expert, just for pinning a shawl on her shoulders during the Gujarat meet, made me realize how she made things happen.

I recognize a true leader and a good friend in her and hope for a continued relationship in future.

**Ramalatha Marimuthu**  
**IEEE R10 WIE Coordinator**  
**Chair, WIE affinity Group, Madras Section**

Professor Janina has been one of the best R10 Directors & one of the best leaders of IEEE. She has contributed a lot to IEEE Region 10 & her contributions towards the region are unforgettable. She has been very co-operative & helpful throughout her tenure. She had played vital role in increasing student activities around the region, GINI project is one of them.

I would like to specially thank Professor Janina for special support provided to IEEE Karachi Section & Pakistan overall, especially in promoting IEEE student activities within the country. It was really great to work with her.



**Om Perakash**  
**Region 10 Student Representative 2008**

## A Message from IEEE Taipei Section We are a family!

I knew of Janina much earlier than she serves as the Region Director since we both belong to same technical society MTT-S and sit in the APMC International Steering Committee for many years. I am very honored and pleased to work for the IEEE Section Chair under her insightful vision, optimistic characteristics, and charming leadership.

Serving as the first women Director of the largest IEEE Region which spans over the world richest to poorest countries, Janina has been performing excellently to harmonize the group chemistry while preserving the diversity in history, language, and culture. She has contributed a lot in increasing the member size, promoting various educational activities, and fostering technologic advancement; thereby upgrading the overall visibility and image of the whole IEEE Region 10. She has successfully published R10 Newsletters regularly every quarter with abundance activities, and aggressively asked our members to more actively participate in the IEEE activities, including the volunteer jobs and the ballot voting.

Janina has made the milestone achievements in the R10 history. I am so honored to be with her both technically and geographically. Janina has glued all the Sections together strongly and harmonically. We are a family. We will all miss you.

**Ruey-Bee Wu**  
**Chair, IEEE Taipei Section**

## Message from IEEE Thailand Section

On the behalf of IEEE Thailand Section, I would like to express heartfelt thanks to Janina for her strength to lead R10 for the past two years. However, her contributions to IEEE R10 date back quite longer than that. She has been a good leader, motivating us to organize TENCON, and provides strong motivation to enable countless activities of all R10 Sections to result in numerous awards. She would continue to inspire us to move forward with such visions.

Besides having met with Janina at EXCOM meeting and Section Congress, we had a chance to host IEEE TA/MGA visit to Thailand on 29-30 May 2008. Although very short two days visit, we had exchanged thoughts on several possible activities such as future organization of International Conferences and ideas to increase membership number and promote member activities. We know that Janina will still contribute to IEEE.

Lastly we thank you Janina for your continuous support to our Thailand Section.

**Naris Srinual**  
**Chairman, IEEE Thailand Section**

## From IEEE Tokyo Section

Dear Professor Janina Mazierska,

Region 10 is the most dynamic, fast growing, and diverse Region in IEEE. Your active and positive direction has encouraged Tokyo Section to proceed to further possibilities. Thank you.

**Toshiharu Aoki**  
**Chair, IEEE Tokyo Section**



## *Message from IEEE NSW Section*

A big thank you to Janina for interacting with the New South Wales Section, especially at our 35th year anniversary, and the encouragement offered to all office bearers and past office holders. The R10 meetings were always energetic, and we look forward to some type of ongoing involvement by Janina in the IEEE in the future.

Regards,

**David Burger**  
**IEEE NSW SECTION - Chair 2008**

---

## *A Message from IEEE Queensland Section*

On behalf of Queensland Section, I would like to express my sincere appreciation to Janina for the great job she has done in a very demanding volunteer role. Janina, your positive style has been refreshing and, I think, instrumental in inspiring strong participation and innovation around our Region. On a personal note, I would like to thank you again for your visit to Queensland Section in early 2007, at which time I was a new, first-time Chair. Your friendly advice and encouragement on that occasion was very welcome and helped set me up at that early stage in my term.

Cheers,

**Vaughan Clarkson**  
**Chair, IEEE Queensland Section, Australia**

---

## *A Message from IEEE Kerala Section*

Thank you Janina, for all the support you have given to Kerala Section. Your visit early this year, gave us a tremendous boost and helped us network with the world of IEEE. You have been inspiration to us through your leadership and your ability to understand everyone. During your period as Director, R10 increased its vibrancy and activities many fold. Thank you Janina, from one and all in Kerala Section, we give you a standing ovation.

Thanks and regards,

**Amarnath Raja**  
**Chair, IEEE Kerala Section, India**

---

## *A message from IEEE Bangladesh Section*

Dear Janina,

Your service as R 10 Director was great. You have helped a lot to our Section in many cases. Your leadership, advice and encouragement will always be with us. Your service was fantastic to the growth of R10. We pray for your good health and hope you will be with us in the days to come, even with a greater role in IEEE and otherwise. Thanks a lot.

With regards,

**M. Aynal Haque**  
**Chair, IEEE Bangladesh Section**



## *A Message from IEEE New Zealand Central Section*

Janina has been an inspirational leader for the Central Section since its inception as a sub-Section approximately 3 years ago. We know she has also provided inspirational leadership for Region 10 throughout her tenure as Director. Her enthusiasm for the IEEE and its various activities permeates all that she does and this wonderful attitude spills over to everyone who associates with her. We are most grateful to her for the time and effort that she has willingly put into making the IEEE, the Region and our Section stronger over the last 2 years.

Best wishes for your future endeavors Janina.

Kindest regards

**Murray Milner**  
**Chair, IEEE New Zealand Central Section**

---

## *A Message on Behalf of IEEE Seoul Section*

Dear Janina Mazierska,

It's my delight to send you this message on behalf of Seoul Section.

It has been six years since we met in R10 as EXCOM Members. I have had a good impression of you because you always represented yourself for women's and minorities' right. This spirit coincides well with the core value of IEEE spirit which stands for 'Humanitarian' as a slogan of 2008 main activity.

I have another good reason for you to give my sincere appreciation. It's your typical way of speaking English and communication skill. It's short, clear and definitive. I really like it because I don't want to waste my time in trifling matters.

Thank you again for your contribution to R10 over the last two years, making R10 as one of the most important regions in IEEE with such a dynamic way of activities.

One happy memory, unforgettable for me is your visit to Jeju Island in Korea for the 2008 R10 EXCOM Meeting. I really enjoyed my role as Seoul Section Chair to host EXCOM Meeting. Especially with typical Korean oranges produced in Jeju Island, we call it 'Hallabong' in Korean, many EXCOM members send me 'Thanks' letters after their safe return.

And also happy memory goes with Prof. Mini, because of her visa problem with Korean Embassy in India. I got direct contact with Korean Councilor in India at the last moment of flight departure time, and rescued her from India to fly to Jeju Island after long way to come. I still miss her for her short stay in Jeju Island.

Thank you Professor Janina Mazierska for all of these memories happening in my life.

I'm looking forward to expecting your role in IEEE Headquarter in the future.

"Be Happy and Don't Worry!!!"

With best regards,

**K. D. Kwack**  
**IEEE Seoul Section Chair, 2008**

## Tributes to Prof. Janina Mazierska

### *Message from IEEE Bombay Section*

Dear Janina,

Your contribution to R10 was outstanding. Your leadership has taken R10 to new heights. Your hard work has paved the way for a glorious future for R10.

Best Regards

**Uday Desai**  
**IEEE Bombay Section Chair**



### *Message from IEEE Victorian Section*

Professor Janina Mazierska has been a very successful, approachable, diligent and obliging R10 Director. I remember first meeting Janina and saying to myself, wow! She is so easy going and down-to-earth in such a high profile position! With Janina's experiences in academia, private industry and in the IEEE fraternity, I hope that she will still be available to bequeath some advice to all of us especially at the time when we are bidding to host the 2014 Section Congress in Melbourne, Australia. We will definitely have a special position for Janina on the organizing committee. I wish you all the very best in the activities you will be doing in the future.

**Dr Horace KING**  
**Chair, IEEE Victorian Section, Australia**

### *From IEEE Gujarat Section*

I had the pleasure and the honor of working with Professor Janina, particularly during the Region 10 meeting, which we organized at Gandhinagar, Gujarat under her supervision and guidance. I was impressed by the pace and dedication she was working for the cause of IEEE. She was a firm believer in sound planning and re-planning, with the minute care for even small details. As a leader she inspired and encouraged me for taking initiatives for IEEE activities, and provided full support for those undertakings. Her concern for humanitarian values and her efforts to emphasize humanitarian aspects in IEEE activities and working in that direction reveals the finest and most beautiful perspective of her personality.

I enjoyed working with her and long for doing projects with her in future. Her leadership skills and style has helped me in learning and evolving as a better IEEE volunteer. Her continued support, guidance, inspiration and advice will lead coming generations of volunteers to take the IEEE to yet greater heights.

**Deepak Mathur**  
**Chair, Gujarat Section 2006-07**

Professor Janina,

How time flies! Seems like only yesterday when you started your 2 year's term of Directorship. Under your leadership, many new programs and activities were started providing a momentum for the years to come for R10.

We wish you all the best and many more years of active IEEE volunteerism.

**Fanny & Serena, IEEE Asia Pacific Operations Centre**

### **In appreciation of Janina Mazierska's Directorship**

It has been an honour to serve as Section Chair during Janina's time as R10 Director, and a great pleasure to see Janina's leadership bring to our Region a time of growing, reaching out to places with fast expanding IEEE membership, and strengthening of the Region's position on the global IEEE map.

**Arek Dadej,**  
**Chair, South Australia Section 2007-08**

### *From IEEE Bangalore Section*

Professor Janina Mazierska became the first woman to lead more than 67,000 IEEE members in the Asia Pacific region as its Director. This along with her recognition as an IEEE Fellow in 2005 shows her dedication to the Engineering Community.

Prof. Janina Mazierska, our vibrant leader is a person of actions. She has been one of the few Directors of IEEE who has put forth great efforts and translated all the ideas into actions in minimum possible time. She has created a positive outlook in the Region and especially in India. The confidence in her leadership is evident in three cities within R10 selected for celebrating the 125th Anniversary of IEEE.

In the year 2008, the IEEE year for FOCUS ON INDIA, our Director made special efforts towards the Indian IEEE community by making her esteemed presence felt in almost all the major events as well as in many Sections viz. R10 Student Congress 2008 at Chennai, R10 Meeting at Ahmedabad, TENCON 2008 at Hyderabad, Section meets of Bangalore, Mumbai, New Delhi, etc.

We also have to remember that she had a great human touch in her dealings with the Sections and their Executive Committee Members. Under her guidance I can proudly say that many Sections got significant recognition and motivation, especially in India. I feel that she has made Region 10 a significant competitor among the many IEEE Regions, both in quantitative and qualitative terms regarding activities and membership growth. I am sure that in R10, all the Region Executive Committee members and the Section Chairs have gained a lot of experience to carry forward her targets in the years to come with great zeal.

Bangalore Section, in particular, is very grateful to Prof. Janina Mazierska for her able guidance and encouragement provided for:

- Short listing of the Bangalore Section for celebrating the 125th Anniversary of IEEE.
- Playing significant role in the MOU Signing Ceremony of Bangalore Section's Sister Section Agreement with the Princeton/Central Jersey Section during the recent Sections Congress.
- Getting another 5 new Student Branches approved under the Section.
- Approving formation of 4 new Society Chapters and WIE Affinity Group under the Section and reviving the GOLD Affinity Group.

On behalf of the members of IEEE Bangalore Section, I wish her a grand post-Directorship life and expect her to play a lead role in other activities for the growth and future of the IEEE and other Technical Communities in the world.

**K. Ramakrishna, Chair IEEE Bangalore Section**

## R10 News & Highlights

### R10 STUDENT PAPER CONTEST RESULTS 2008

Each year the Student Activities Committee (SAC) of IEEE Region 10 organises the Student Paper Contest for post-graduate and undergraduate students. The winners of PG and UG Student Paper Contest are awarded following prizes:

- First Prize – US\$350 and a certificate
- Second Prize – US\$300 and a certificate
- Third Prize – US\$200 and a certificate

The prizes are funded by the IEEE Life Members' Committee. Region 10 SAC funded the travel of the PG Paper Contest first prize winner to travel to TENCON 2008 held at Hyderabad, India.

The Student paper Contest results for 2008 are:

#### Prize Winners for Postgraduate Student Category

**First: Leung Chiu (Hong Kong)** “*Performance enhancement of microwave circuitries using parallel strip line*”.

**Second: Zhang Yaqiong (Singapore)** “*The design and analysis of the band rejected cross semi circle monopole antenna for UNB applications*”.

**Third** (shared by two winners):

- (1) **Mable P Fok (HK)** “*Tunable optical delay using four wave mixing in a 35 cm highly non linear bismuth oxide fiber and group velocity dispersion*”.
- (2) **She Hao Yuan (Singapore)** “*Resonance of Cylindrical structures with high relative permittivity enhancement of the field and applications in optical waveguide*”.

#### Prize Winners for Undergraduate Student Category

**First** (shared by two winners):

- (1) **Abhishek Singh, Padmini Jaikumar (Gujarat)** “*A sampling resampling based bayesian learning approach for object tracking*”.
- (2) **Li Bingui Joel (Singapore)** “*Modelling of decision making process in Power Market with Type 2 Fuzzy logic and Game theory*”.

**Second: Charlie S. ZHU (Hong Kong)** “*Content protection in Peer to Peer system*”.

**Third: Koh Jason H. Z (Singapore)** “*A scheduling based on traffic patterns for IEEE 802.16e Wi MAX mobile broadband wireless access*”.

Congratulations to all the winners and a big thank you to all the participants, Section SAC Chairs and the Reviewers.

**Mini S. Thomas**  
**R10 SAC**

---

### REGION 10 EXEMPLARY STUDENT BRANCHES FOR 2008

I am glad to announce the Exemplary Student Branches of Region 10 for the year 2008.

There were 8 entries from across R10 for this award. The evaluation process was quite rigorous, spanning 42 criteria

ranging from local Section and Regional level activities to technical programs. The competition results are as follows:

### Outstanding Student Branch of Region 10 for 2008

University of Western Australia Student Branch (Score 81.5%)

The Student Branch will receive a certificate and a cash prize of US\$250 (to be claimed from R10 SAC).

Exemplary Student Branch Certificate 2008 for:

1. National Institute of Technology Warangal Student Branch (Score 55.45%)
2. University of Auckland Student Branch (Score 54.35%)

Both Student Branches will receive a certificate.

SBs with less than 50% score were not considered for a certificate.

Congratulations to the winners and best wishes to all the other SBs.

A big thank you to the SAC committee 2008 for evaluating the proposals, and all those Student Branches who sent in very good entries.

**Mini S. Thomas**  
**R10 SAC**

\* \* \* \* \*

### MGA Achievement Awards for R10 Volunteers

Congratulations to our R10 volunteers for bringing this distinction to our region.

#### MGA Innovation Award

1. **Mini S. Thomas (Delhi Section, India)**
2. **Prijoe P. Kommattu (Madras Section, India) and**
3. **S. Gopakumar (Kerala Section, India)**

“*For their inspirational development of the Global Integrated Network of IEEE (GINI) which will provide increased value of IEEE membership to the students of Region 10.*”

#### MGA Achievement Award

**Ramalatha Marimuthu, (Madras Section, India)**

“*For her dedicated mentoring of IEEE R10 WIE students and encouraging them to focus their efforts towards contributions to benefit humanity.*”

#### MGA GOLD Achievement Award

1. **Irena Atov, (Victorian Section, Australia)**

“*For her organization and leadership of the implementation of GOLD track programs at IEEE conferences, and the GOLD Academic Portal on the IEEE Job Site.*”

2. **Megha Joshi, (Uttar Pradesh Section, India)**

“*For outstanding contributions to the Student Transition Project and STEP (Student Transition & Elevation Partnership) program.*”

3. **Yasuharu Ohgoe, (Tokyo Section, Japan)**

“*For his strong leadership in planning and organizing the inaugural GOLD Summit 2008.*”

---

### R10 Participation in the IEEE Elections

Results of the 2008 IEEE Elections have been computed. As you all know Pedro Ray from Puerto Rico will be the next IEEE President Elect, and Wai-Choong (Lawrence) Wong from Singapore will serve as the next Director Elect of Region 10. Congratulations to Pedro and Lawrence.

I am pleased to let you know that for the first time ever our Region voting percentage of 15.89% was higher than the world average of 15.43%. This is an improvement over our last year result of 15.18%.

I promised a bonus of \$500 to a Section with the highest voting percentage at the R10 meeting in Quebec. The winner of the bonus is Kerala Section with 26.76%, really an excellent result, close to 30% (what was my hope).

Congratulations to members of the IEEE Kerala Section who also celebrated the 25th Anniversary last month.

I would like also to mention other six Sections with the voting percentage over 20%; namely: Kharagpur: 25.21%, Bangladesh: 24.49%, Philippines: 23.49%, Delhi: 23.04%, Hyderabad: 20.16% and Islamabad: 20.11%.

The IEEE Tokyo Section had the biggest number of members who voted, namely 914.

I hope that in the 2009 IEEE election our Region voting percentage will exceed 20%. The Region will again offer bonuses again, namely \$500, \$300 and \$200 to Sections with the highest voting percentage.

We can be proud of our effort. Thank you! And we will try even better next year.

**Janina Mazierska**

**Region 10 Director 2007-2008**

#### Call for Region 10 Distinguished Lecturers

Dear Council and Section Chairs,

Region 10 is calling for nominations for Region 10 Distinguished Lecturers.

Deadline for Nominations: 31 Dec 2008

Details of Proposer

Name:

Name of Council/Section/Chapter:

Position:

Proposer's email contact:

Details of Nominated Distinguished Lecturer

Full Name:

IEEE Membership no:

Affiliations:

Country:

Topics:

Keywords of technical achievements:

Contact Address:

E-mail address:

Others: (Photo is desirable)

Please send your nominations directly to Toshio Fukuda, Technical Activities Coordinator 2009, ([fukuda@mei.nagoya-u.ac.jp](mailto:fukuda@mei.nagoya-u.ac.jp)) and place on cc. [ieeepo@pacific.net.sg](mailto:ieeepo@pacific.net.sg). Please pass this important announcement to your Chapter Chairs.

### Harbans Bajaj, R10 Director (1997-98) receives the 2005 Engineering Manager of the Year Award of the IEEE Engineering Management Society

The 2005 Engineer of the Year award, declared in 2006, was awarded to Mr Harbans Bajaj, the R10 Director (1997-98). It was only now that Mr Harbans Bajaj happened to be in the USA where a plaque was presented to him by IEEE President Dr Lewis Terman. The award citation reads:

*"For Leadership in the development of and growth of the power generation, transmission and distribution industries in India through active corporate leadership and as Chair of the Central Electricity Authority in the Ministry of Power."*



IEEE President Lewis Terman presenting the plaque.

On receiving the award Mr Bajaj says "I have accepted it with all humility on behalf of large number of engineers and other colleagues in India and abroad with whom I have had the pleasure and privilege to work with and enjoy. It is recognition of efforts and excellent work of all those engineers and technicians whom I am indebted and wish to convey my thanks and gratitude."

Mr. Harbans Bajaj, Technical Member, Appellate Tribunal for Electricity, was Chairman of the Central Electricity Authority (CEA) and ex-officio Secretary to the Government of India, Ministry of Power from July 2002 to May 2005. He was ex officio Member of Central Electricity Commission and Chairman Central Electricity Board. He brought about structural changes required within CEA and initiated action for its technological and qualitative up gradation. He devised schemes for massive Hydro and Thermal Power development and evolved nationwide consensus for adoption of 800-1000 MW super critical technology units.

During his 14 years stint with BHEL, he led engineering teams for turnkey generation, transmission and distribution projects in India and abroad. In Haryana State Electricity Board he was instrumental in accelerating electrification by adopting innovative construction and management techniques which resulted in 100% rural electrification of Haryana the first state to achieve such distinction in 1970.

Mr. Bajaj is Fellow of: IEEE, IET, Institution of Engineers, India, Indian National Academy of Engineers and All India Management Association. He is recipient of various National and International Awards.

## BRIEF REPORTS ON R 10 ACTIVITIES FOR 2008

In 2008 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.

### Regional Life Member

Following the initial appraisal of the Region 10 needs for Life Members throughout the Region, the decision was taken to concentrate our efforts on India and Japan. Both of these countries showed a potential for short term development of facilities for Life Members. This was discussed with representatives of the National Councils from both countries.

As India already had a Life Member Group functioning in Bombay Section, the decision to concentrate on India in 2008 was made.

There was also a provisional action plan to address promoting Life Member Groups in Japan established. This involved arranging all the Life Member material used in Region 10 for translation into Japanese. By doing this, it was hoped to minimize any errors or misunderstandings that may occur in any English /Japanese translations provided by members for their respective Sections. This activity was subsequently delayed for implementation into 2009.

During the Region 10 Sections meeting in February at Ahmadabad, the RLMC was able to speak with the complete India Council, together with most other Indian Section Chairs. A plan of strategy was discussed, where the Bombay Life Member Group would act to assist other Indian Sections to establish own Life Member Groups.

Immediately following the Region 10 meeting, the RLMC travelled the short distance to Mumbai (Bombay) and discussed with representatives of the Bombay Section and the Bombay Life Members Group a possible action plan for them to follow in 2008 to help establish Life Member Groups in other Indian Sections.

During the first half of 2008 the remaining Section Chairs in Region 10 having sufficient numbers of members to establish a Life Member Group were contacted to encourage them to establish Life Member Groups in their Sections.

During November the RLMC was able to travel to Hyderabad, India to attend the TENCON'08 Conference with the intention of making contact with as many Indian and other R10 members who may be contemplating their retirement and possible establishment of, and participation in, Life member Groups in their local Sections.

Regrettably there was no increase in the number of Life Member Groups in Region 10 during 2008.

### Dr. Graeme Gwilliam

#### Region 10, Life Member Coordinator (2007 – 08)

### Membership Development

In the year of 2008, the membership development (MD) has had an important change on the grant allocation. The MD grant proposals were invited from IEEE Sections in Region 10 for funding to support membership development activities, such as membership promotion event, membership publicity project, and membership development tour. Besides, as before, incentives are also

maintained for supporting new Student Branches formed, new Student Branches formed in previous year with 20 or more student members, and Sections with the highest number and percentage increases in the grade senior member, and member. However, as approved in 2008 IEEE Region 10 Meet (Ahmedabad, India, 2-3 Feb. 2008), the previous \$1 per student grant has been terminated. So far, six MD activities have been supported in 2008 (\$6,227.65 in total), as shown in Table 1.

Table 1. MD Activities Supported by R10 in 2008

Descriptions	Dates
EXCOM-China Promotion Visit	25 April, 2008
Philippines-MD Event	24 July, 2008
Bombay-MD Project	24 July, 2008
Kerala-MD Event	24 July, 2008
Thailand-MD Project	24 July, 2008
Restarting the Karachi Section	12 Aug, 2008
Total amount paid	\$6,227.65

Up to October 2008, as can be seen from Table 2, the total IEEE members in Region 10 had increased by 6.98% as compared with 2007, the highest net gain over all regions, where the higher grade members and student members had increased by 3.2% and 13.7% respectively.

Table 2. Geographic IEEE Membership Summary - September 2008

REGION	HIGHER GRADE MEMBERS			
	2008	2007	Change	
			#	%
1	32,752	33241	-489	-1.5%
2	27,960	28248	-288	-1.0%
3	25,012	24981	31	0.1%
4	19,071	19364	-293	-1.5%
5	24,368	24432	-64	-0.3%
6	50,963	51496	-533	-1.0%
<b>R 1-6</b>	<b>180,126</b>	<b>181,762</b>	<b>-1,636</b>	<b>-0.9%</b>
7	12,652	12174	478	3.9%
8	46,330	44361	1,969	4.4%
9	6,598	6653	-55	-0.8%
10	41,909	40611	1,298	3.2%
<b>R 7-10</b>	<b>107,489</b>	<b>103,799</b>	<b>3,690</b>	<b>3.6%</b>
<b>TOTAL</b>	<b>287,615</b>	<b>285,561</b>	<b>2,054</b>	<b>0.7%</b>

REGION	STUDENT MEMBERS			
	2008	2007	Change	
			#	%
1	3,298	3,801	-503	-13.2%
2	3,191	3,340	-149	-4.5%
3	4,536	4,733	-197	-4.2%
4	3,259	3,492	-233	-6.7%
5	3,314	3,667	-353	-9.6%
6	5,219	5,767	-548	-9.5%
<b>R 1-6</b>	<b>22,817</b>	<b>24,800</b>	<b>-1,983</b>	<b>-8.0%</b>
7	2,856	3,157	-301	-9.5%
8	16,553	16,707	-154	-0.9%
9	7,416	7,784	-368	-4.7%
10	25,855	22,734	3,121	13.7%
<b>R 7-10</b>	<b>52,680</b>	<b>50,382</b>	<b>2,298</b>	<b>4.6%</b>
<b>TOTAL</b>	<b>75,497</b>	<b>75,182</b>	<b>315</b>	<b>0.4%</b>

REGION	TOTAL MEMBERS			
	2008	2007	Change	
			#	%
1	36,050	37,042	-992	2.68%
2	31,151	31,588	-437	1.38%
3	29,548	29,714	-166	0.56%
4	22,330	22,856	-526	2.30%
5	27,682	28,099	-417	1.48%
6	56,182	57,263	-1,081	1.89%
<b>R 1-6</b>	<b>202,943</b>	<b>206,562</b>	<b>(3,619)</b>	<b>1.75%</b>
7	15,508	15,331	177	1.15%
8	62,883	61,068	1,815	2.97%
9	14,014	14,437	-423	2.93%
10	67,764	63,345	4,419	6.98%
<b>R 7-10</b>	<b>160,169</b>	<b>154,181</b>	<b>5,988</b>	<b>3.88%</b>
<b>TOTAL</b>	<b>363,112</b>	<b>360,743</b>	<b>2,369</b>	<b>0.66%</b>

In order to achieve even higher membership increase in 2009, It is strongly encouraged that all the Section MD Chairs in Region 10 make full use of MD resources by visiting the following links frequently, since enabling IEEE's volunteers is essential to effective membership development,

1. Membership Development Web Site: [www.ieee.org/md](http://www.ieee.org/md)
2. Membership Development Supplies: [www.ieee.org/mdsupplies](http://www.ieee.org/mdsupplies)
3. IEEE Membership Development Monthly Report: [http://www.ieee.org/web/volunteers/membership\\_dev/md\\_reports.html](http://www.ieee.org/web/volunteers/membership_dev/md_reports.html)
4. SAMIEEE for downloading of IEEE's membership data [www.ieee.org/organizations/vols/samieee/positions.html](http://www.ieee.org/organizations/vols/samieee/positions.html)
5. IEEE Member Services:  
E-mail [member-services@ieee.org](mailto:member-services@ieee.org)  
Tel: +1 732 981 0060 (Outside USA & Canada)  
Fax: +1 732 562 6380 33

**Professor Pingzhi Fan**  
**R10 Membership Development Coordinator (2007-2008)**

### R10 Student Activities 2008

The Student Activities Committee (SAC) of the R10 EXCOM had an eventful year 2008, the highlights being the Student Congress 2008 and the launch of the R10 GINI (Global Integrated Network of IEEE) project. The SAC being one of the most important committees of the EXCOM, dealing with the student community, careful thought went into the meticulous planning of activities for 2007-08. Our region accounts for more than one third of the total student members and Student Branches in the world.

We organized a very successful Region 10 Student Congress in the beginning of the year, at Chennai, India from 27-30th January 2008, which was reported earlier. The Student Congress witnessed the launch of the R10 GINI

project with five pilot projects identified as Pakistan, Hyderabad, Madras, Delhi and Australia/New Zealand. GINI is a 5 year project to integrate and link the 560+ Student Branches of Region 10. GINI will increase the value of IEEE membership, enhance the number of programs, improve networking and will induce healthy competition among Student Branches, which will ultimately improve the student membership, reactive dormant Student Branches, will lead to the formation of new branches and a number of other benefits to student members. The GINI works with a three tier structure with an R10 level EXCOM, Pilot Section level EXCOM and Hub level team. These teams have been formed and the targets for 2008 have been accomplished.

Another highlight of this year is the inclusion of a break out session at the Sections Congress 2008 in Quebec City, Canada, on "Reviving Student Branches: R10 model", presented by R10 Director Janina, GINI coordinator Prijoe P. Komattu, Kerala Section SAC S. Gopakumar (represented by Aju Thomas), and R10 SAC Mini S. Thomas, which was very well appreciated by the audience. Many Sections across the world are implementing the best practices we have introduced. The R8 Student Congress at London in August 2008 was attended by Mini and Prijoe where the R10 SAC activities were presented, especially R10 GINI.

The details of the Student Branch operations are on the IEEE website, however, it was felt that the Branch officers need a ready reference book in print to help them achieve new heights. With this in mind, a "R10 Student Branch operations guide" was printed and distributed to Student Branches which are well appreciated by all stakeholders.

R10 SAC supported the Pakistan Student Congress held at Lahore, Student Congress of Hyderabad and Branch Counsellors' Congress in Kerala in 2008. The regular activities of the SAC have been successfully completed for 2008; the results of the Larry K. Wilson award, Website contest, UG and PG paper contest, Exemplary Student Branch award have already been announced. The PG paper contest winner participated and presented his paper in TENCON 2008 with funding from R10 at Hyderabad. University of Western Australia Student Branch won second prize in the International website contest, and they have also won the Exemplary Student branch award of R10 for 2008. Well done & Congratulations!

On the 125th year of IEEE in 2009, R10 SAC is embarking upon a first ever Global Student Congress 2009 next year and have already received 7 excellent proposals from the Student Branches in R10 to host this event.

It is heartening to note that the student membership in R10 has grown by 13.7% in September 2008, whereas, all the other regions have shown a negative growth. Many of our inactive Student Branches have been reactivated and new Student Branches have been added to our region with a count of over 570 now.

Finally, the success of all the above events is attributed to the active help and participation of all volunteers. Let us pledge to make the IEEE student community of R10 more vibrant and dynamic, let us rejuvenate the sick Branches and bring them into the lime light to experience the warmth of the IEEE network. Let us make R10 GINI a big success and we earnestly solicit your help for this project. Om Perkash Batra, Student Representative did a splendid job of

compiling the data of the Student Branch contacts and helped in many ways for the implementation of the programs.

A word of thanks for the support of R10 Director Janina E. Mazierska for giving a free hand to handle the student activities and hope to serve R10 students in a better way in the days to come.



The speakers, Prijoe, Janina, Mini and Aju, enjoying the R10 Student Congress video shown at the end of the break out session on 'Reviving Student Branches: R10 Model' at the Section Congress, Quebec City.

**Dr. Mini S. Thomas, [mini@ieee.org](mailto:mini@ieee.org)  
R10 SAC Chair**

.....  
**R10 WIE Activities 2008**

The First ever Region 10 Women in Engineering Congress was organized in Chennai, Tamilnadu, India, in January 2008 along with Student Congress and GOLD Congress. It registered a huge turnout from all over the region and the largest number of IEEE Executives from the Head Quarters and the Region making Chennai the most active and colourful place.

The events of the Congress portrayed the quality of activities organized in the region and reflected the humanitarian projects organized by Madras WIE under the project Sangamam. Many participants and the delegates were moved by the Yoga presented by Special Children who have been the beneficiaries of the screener software developed by the Brahman group, a part of Madras WIE and GOLD. This software is now used by Govt of India to help 600 thousand of disabled people. Also regular visits to homes for destitute women are improving the social awareness of the students.

STAR programmes which are hall mark of WIE have been organized by many WIE groups in India like Tamil Nadu, Delhi, Kerala, Kolkatta and Andhra Pradesh. Other countries like Australia, Japan, Pakistan and New Zealand also reported the organization of STAR. The video presentation on Basics of Electronics prepared by the students of Madras Section has been shared by many WIE Affinity Groups across the country and many rural children have benefited from it. Contemporary problems have been addressed by the programmes organized by R10 WIE. In one event a competition on Global Warming with the topic "Earth has Fever" for the children of a rural school brought out around 400 projects indicating the enthusiasm and initiatives of young minds.

April was the month when the Sangamam Project was introduced and accepted globally. At the WIE committee meeting at Anaheim, California, the presentation on the Sangamam project was well received and was subsequently adopted in Regions 2 and 8. In India it has been extended to Thuraiyur, Poothapedu, and Coimbatore, in Tamil Nadu, and Belur in Karnataka.

The primary activities and programs of Sangamam project include the following:

1. Channelizing the youth energy –Yuva Shakthi
2. Imparting technical training to Women – Knowledge to Women
3. Utilisation of natural resources – Women and Eco-development
4. Making the village self sufficient – Full Hands and Full Hearts

The aim of Sangamam project is to create job opportunities for the people of the rural community and to create a self sufficient society. We are proud to say that in the villages where these programs have been conducted, unemployed youth have taken up the organization of follow up programs and the school children have been inspired to take up engineering as their choice of career. More particularly, women are employing their free time better instead of idling it away.

The Project was discussed under the topic of Humanitarian Technology in the breakout sessions of Sections Congress, where Mrs. Ramalatha talked about the activities organized by WIE. The hard work was recognized and appreciated by members from all over the world.

Engineering Awareness Programmes and Women Congresses were organized by Faisalabad, Pakistan, Andhra Pradesh and Madras Sections. Around 400 students benefited from the events. IEEE strengthened the Industry Institute Interaction by having an IBM day for the students of Andhra Pradesh during the Women's Congress at Jawaharlal Nehru Technological University.

An open day meet with the parents and higher secondary school students to orient them towards engineering career is planned in December in the rural areas of Kanyakumari and Erode. This will be taken up by other Student Branches in the coming year for other rural areas.

All in all it has been a busy year for the WIE Affinity Groups across the Region 10 and it is reflected in increased strength of Affinity Groups in the Region. In 2008 alone 12 new WIE Affinity Groups were formed marking a 30% increase in strength. To crown it all this year The Affinity Group of the Year Award for the Section Affinity Group as well as Student Branch Affinity Group of the Year Award were both won by Affinity Groups from Region 10. The former was won by Calcutta Section WIE Affinity Group and the later by Easwari IEEE Women in Engineering Student Branch Affinity Group. In addition Madras IEEE WIE won the Honourable Mention for the Affinity Group of the Year Award this year.

This was reported in all leading newspapers in India, increasing the visibility of IEEE and improving the enthusiasm of the volunteers.

**Mrs. Ramalatha Marimuthu,  
Region 10 WIE Coordinator (2008)**

.....

### Highlight of R10 GOLD activities in 2008...

Following is a progress update on the top four priorities among many initiatives identified for GOLD in Region 10 this year.

#### 1. Facilitate experience and expertise sharing

In January, R10 successfully held a joint Student/GOLD/WIE Congress in Chennai, India where delegates from all three demographics within IEEE's Region 10 membership base had a chance to network and learn from each other's experience.

R10 also funded 5 GOLD delegates to participate in the GOLD Summit and Sections Congress held in Quebec, Canada in September. Add to that 3 Section-funded GOLD delegates, plus a Section primary delegate who is himself a GOLD member, and R10 had the largest presence at the GOLD Summit! At the Summit, Regions 5 and 10 were selected to work and brainstorm together on inter- and intra-regional collaboration of GOLD groups.

#### 2. Establish a R10 GOLD Working Group and improve coordination through clustering of GOLD groups

We have identified volunteers to act as facilitator to champion this project. We have reviewed background information about the demographic trends and level of activities held by different GOLD groups to inform the brainstorming for the optimal way to cluster the R10 GOLD groups. In 2009, input will be solicited from the GOLD groups on the suggested approach.

#### 3. Native language information campaign aimed to bridge language barrier and information gap to facilitate formation of new GOLD groups

GOLD volunteers have helped produce an information flyer about GOLD and how to start a new GOLD group, which has been translated into Chinese and Japanese as a pilot project, to bridge a language barrier. Hard copies of the native language flyers were provided at Sections Congress to relevant Section Chairs, and also sent out in soft copy. A new GOLD group has also just been formed by Dr Yasuharu Ohgoe in Tokyo Section.

#### 4. Develop and recommend young volunteers who will become good candidates for other higher level IEEE opportunities

Some promising GOLD talents in Region 10 have been identified, and included in a list of "good young people". The list has been forwarded to Ted Hissey and Darryl Chong for consideration by IEEE Nominations & Appointments Committee and the GOLD Talent Search Program.

An ad hoc IEEE Board of Directors level committee for Volunteer Leadership Development was formed this year, and the R10 GOLD Coordinator was the only GOLD member invited to join the committee. This committee aims to help IEEE better manage its most important resource – its volunteers, in a more systematic manner. The committee has identified ways to better equip our volunteers with skills they need. It has also identified ideas to bridge the disconnect between roles to be filled on IEEE's various committees and boards, and the enthusiastic volunteers who do want to get more involved - but don't know how or what opportunities are out there. R10 GOLD hopes to continue making progress in these areas (and more) in 2009!

**Helene Fung, R10 GOLD Coordinator**

### Student Submissions Sought for President's Competition

Attention student members: There's still time to enter the IEEE President's Change the World competition, being held in conjunction with the IEEE's 125th anniversary celebrations next year. Individuals or teams can submit projects that apply engineering, science, computing, and leadership skills to solve real-world problems. Submissions are being accepted until 28 February. Entry forms are at

<http://bmsmail3.ieee.org:80/u/13703/03474392>

To learn about the contest and other anniversary activities; view and upload videos, photos, and congratulatory messages; add to the calendar of anniversary events; and find tools to help you organize your own celebration, visit

<http://bmsmail3.ieee.org:80/u/13704/03474392>

### Words of Wisdom

#### The 'I-ness' Syndrome

I was often wondering why we use upper case 'I' in all our writings, whenever we refer to ourselves. In this computer era, it is easier to write a lower case letter, without having the burden to use shift key to select 'capital I.'

The English language has glorified 'I' with a permanent capital letter status and given an exclusive verb 'am' to go with it. Is it not forced ego or the 'I-ness' we are using for ourselves? While we write 'I' in capital, the 'you' is always written with 'y' in lower case. Ideally, if we respect others whom we address, it is only logical to write capital Y for You, keeping ourselves in low profile, with a small 'i'. But it doesn't just happen that way and we continue to project ourselves with an emphatic 'I'.

I know that it is not an easy task to make people accept this view point and the grammarians and protagonists of English language will brush it aside, branding it as anti-English language. Still, if it starts a new thought process, my mission is accomplished.

**N. T. Nair**

**Chair, IEEE India Council**

**Please send your news items and articles to the R10 Newsletter Editor by email:**

[r10-ecm@ieee.org](mailto:r10-ecm@ieee.org)

**Please send photographs in JPEG format in separate files**

The R10 Newsletter schedule for 2009

<u>Publication Date</u>	<u>Deadline for submissions</u>
March 2009	09 February 2009
June 2009	20 May 2009
September 2009	17 August 2009
December 2009	16 Nov 2009

## Our New Region 10 Delegate/Director (2009 – 2010)

### Professor Yong Jin park



Yong Jin Park, the R10 Delegate/Director for 2009 – 2010, is a Professor in the Department of Electrical and Computer engineering, Hanyang University in Seoul, Korea. He joined IEEE as a student member in 1973 and became full member in 1978 and a senior member in 2005. Yong Jin Park received his B.E, M.E and Ph.D degrees, all in Electronic Engineering from Waseda University, Tokyo, in 1969, 1971 and 1978, respectively. In 1978 he joined Hanyang University. He has been a visiting professor at Waseda University, Tokyo, since 1999. He was a visiting Associate Professor at the Department of Computer Science, University of Illinois, Urbana-Champaign from 1983 to 1984. He was the president of Open Systems Interconnection Association, from 1991 to 2003, and president of KISS (Korean Information Science Society) in 2003.

Professor YJ Park was Computer Society Seoul Chapter Chair in 1993-96 and Chair of IEEE Seoul Section from 1999 to 2000. He served on the Region 10 EXCOM as Secretary from 2003 to 2004 and Conference Coordinator from 2005 to 2006.

Professor YJ Park received IEEE Third Millennium Medal 2000.

## IEEE REGION 10 EXECUTIVE COMMITTEE FOR 2009



### Region 10 Director

Professor Yong Jin Park

Email: [yjp@ieee.org](mailto:yjp@ieee.org)



### Region 10 Past Director

Janina Mazierska

Email: [j.mazierska@ieee.org](mailto:j.mazierska@ieee.org)



### Region 10 Director Elect

Lawrence Wong

Email: [l.wong@ieee.org](mailto:l.wong@ieee.org)



### Region Secretary

Kukjin Chun

Email: [kchun@snu.ac.kr](mailto:kchun@snu.ac.kr)



### Region Treasurer

Hang-Bong Kang

Email: [r10-treasurer@ieee.org](mailto:r10-treasurer@ieee.org)



### Regional Awards & Recognition Committee Chair

Takatoshi Minami

Email: [taka.minami@jp.fujitsu.com](mailto:taka.minami@jp.fujitsu.com)



### Regional Chapter Coordinator

Deepak Mathur

Email: [deepakmathur@ieee.org](mailto:deepakmathur@ieee.org)



### Regional Conference Coordinator

Marzuki Bin Khalid

Email: [marzuki.khalid@gmail.com](mailto:marzuki.khalid@gmail.com)



### Regional Educational Activities Coordinator

Proadpran Punyabukkana

Email: [proadpran.p@chula.ac.th](mailto:proadpran.p@chula.ac.th)



### Regional Electronic Communication Coordinator

Hidenori Nakazato

Email: [nakazato@waseda.jp](mailto:nakazato@waseda.jp)



### Regional Graduates Of the Last Decade (GOLD) Representative

Helene Fung Hoi-Ying

Email: [hfung@ieee.org](mailto:hfung@ieee.org)



### Regional Humanitarian Technology Challenge Coordinator

Amarnath Raja

Email: [a.raja@ieee.org](mailto:a.raja@ieee.org)



**Regional Industry Liaison Coordinator**

Jhing-Fa Wang

Email: [wangjf@csie.ncku.edu.tw](mailto:wangjf@csie.ncku.edu.tw)



**Regional Life Member Coordinator**

Jung-Sun Kim

Email: [jskim001@ieee.org](mailto:jskim001@ieee.org)



**Regional Membership Development Coordinator - Mengqi Zhou**

Email: [zhoumq@public3.bta.net.cn](mailto:zhoumq@public3.bta.net.cn)



**Regional Newsletter Editor**

Zia Ahmed

Email: [r10-ecn@ieee.org](mailto:r10-ecn@ieee.org)



**Regional Section / Chapter Coordinator**

Norman Mariun

Email: [mariunn@ieee.org](mailto:mariunn@ieee.org)



**Regional Strategic Planning Coordinator**

Akinori Nishihara

Email: [aki@cradle.titech.ac.jp](mailto:aki@cradle.titech.ac.jp)



**Regional Student Activities Coordinator**

Mini Shaji Thomas

Email: [mini@ieee.org](mailto:mini@ieee.org)



**Regional Student Representative**

Om Perakash

Email: [opbatra2kn@gmail.com](mailto:opbatra2kn@gmail.com)



**Regional Technical Activities Coordinator**

Toshio Fukuda

Email: [fukuda@mein.nagoya-u.ac.jp](mailto:fukuda@mein.nagoya-u.ac.jp)



**Regional Women In Engineering Representative**

Ramalatha Marimuthu

Email: [ramalatha\\_marimuthu@yahoo.com](mailto:ramalatha_marimuthu@yahoo.com)

**Advisory Committee**



Jung Uck Seo

[juseo@ieee.org](mailto:juseo@ieee.org)



Seiichi Takeuchi

[s.takeuchi@ieee.org](mailto:s.takeuchi@ieee.org)



Low Teck Seng

[tslow@parkway.sg](mailto:tslow@parkway.sg)



**IEEE Asia Pacific Office Manager**

[ieee.apo@ieee.org](mailto:ieee.apo@ieee.org)

*(IEEE APO Staff is not EXCOM members)*

Fanny Su

---

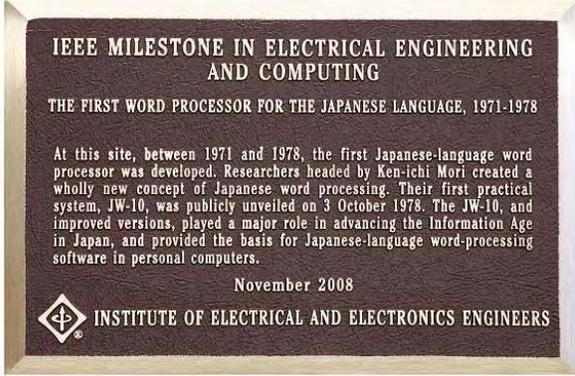
**Useful R10 Website Links**

- Region 10 website Home Page <http://www.ewh.ieee.org/reg/10/>
  - Region 10 Announcements Page [http://www.ewh.ieee.org/reg/10/Announcements/Announcements\\_Index.htm](http://www.ewh.ieee.org/reg/10/Announcements/Announcements_Index.htm)
  - Region 10 Education Activities [http://www.ewh.ieee.org/reg/10/EAC/Education\\_Activity\\_Main.htm](http://www.ewh.ieee.org/reg/10/EAC/Education_Activity_Main.htm)
  - Region 10 GOLD Page <http://www.ewh.ieee.org/reg/10/EXCOM/GOLD/GOLD.htm>
  - Region 10 Newsletter Page <http://www.ewh.ieee.org/reg/10/Newsletter/Newsletters.htm>
  - Region 10 Students Activities Page [http://www.ewh.ieee.org/reg/10/Student\\_Activity/Student\\_Activity\\_Main.htm](http://www.ewh.ieee.org/reg/10/Student_Activity/Student_Activity_Main.htm)
  - Region 10 WIE Page [http://www.ewh.ieee.org/reg/10/WIE/WIE\\_Activity\\_Main.htm](http://www.ewh.ieee.org/reg/10/WIE/WIE_Activity_Main.htm)
  - IEEE Asia Pacific Operations Centre <http://www.ewh.ieee.org/ieee/apo/>
-

## IEEE R10 Councils & Sections News and Highlights

### IEEE Tokyo Section

#### Dedication Ceremony for the Plaque of IEEE Milestone in Electrical Engineering and Computing



Plaque of IEEE Milestone for the First Word Processor for the Japanese Language, 1971-1978

Dedication Ceremony of IEEE Milestone for the First Word Processor for the Japanese Language was held on November 4th, 2008, at Hotel Okura Tokyo, Japan. IEEE Tokyo Section hosted this ceremony and invited many guests including Dr. Fumio Harashima, Chair, IEEE Japan Council, other executive committee members, and executives of national academic institutes and societies. In this ceremony, Dr. Toshiharu Aoki, Chair, IEEE Tokyo Section, and Dr. Eiichi Ohno, Chair, IEEE Japan Council History Committee gave addresses, and Dr. Bernard S. Finn, representing IEEE History Center/Committee, presented the plaque to Mr. Atsutoshi Nishida, Representative Executive Officer, President and Chief Executive Officer, Toshiba Corporation.



Dr. Bernard S. Finn presenting the IEEE Milestone plaque to Mr. Atsutoshi Nishida

IEEE Milestones in Electrical Engineering and Computing is a program of the IEEE History Committee administered through the IEEE History Center to honour significant achievements in electrical, electronic, and computer engineering and the associated sciences. Milestones recognize the technological innovation and excellence for the benefit of humanity found in unique products, services, seminal papers and patents. IEEE established the Milestones Program in 1983 in conjunction with the 1984 Centennial Celebration to recognize the achievements of the Century of Giants who formed the profession and technologies

represented by IEEE. More than eighty Milestones have been approved and dedicated around the world. Each milestone recognizes a significant achievement that has occurred at least twenty-five years ago in an area of technology represented in IEEE and having at least regional impact. The award for the Japanese-language word processor developed by Toshiba is the eighth Japanese milestone.



Dr. Bernard S. Finn delivering the commemoration lecture

After the ceremony, a commemoration lecture meeting was held at the same hotel. The first lecture entitled “History and meaning of the IEEE Milestone program - A view from the Smithsonian” was presented by Dr. Bernard S. Finn, Curator Emeritus, Smithsonian Institution. Secondly, a lecture entitled “How you can be active in the IEEE” was presented by Dr. Fumio Harashima, Chair, IEEE Japan Council, and Past President of Tokyo Denki University.

#### Dr. Ichiro Tai Chair, IEEE Tokyo Section Publications Committee

#### IEEE Thailand Section

##### “A Brief History of Communications” Translated into Thai

The Thai version of “A Brief History of Communications: IEEE Communications Society – A Fifty Year Foundation for the Future” was successfully translated, published, and distributed. The original book, written in English, was published in 2002 by IEEE Communications Society (IEEE ComSoc).



“A Brief History of Communications” presents a brief history of communications and important events such as the development of telegraph, telephone, long distance communications, radar, satellite, and wireless communication systems. In addition, the book contains the creation of IEEE Communications Society and the

interviews of respected personnel in the communication sector together with the insertion of fragments of discoveries and important works of these personnel. It also concludes important events in communication technologies in the form of an archive.

The translation of “A Brief History of Communications” was initiated as an effort to celebrate the 30th Anniversary of IEEE Thailand Section in 2007. The efforts were supported by several Thai government agencies and private companies such as the Institute for the Promotion of Teaching Science and Technology (IPST), NSTDA, AIT, EGAT, MEA, PEA, NTC, DTAC, AEROTHAI, SAMART Telcoms, Thairoil, Loxley, and NECTEC. The translation was done by Ms. Nattira Sukprasert (NECTEC/NSTDA), Dr. Alisa Kongthon (NECTEC/NSTDA), and Dr. Poompat Saengudomlert (AIT), with Dr. Keattisak Sripimanwat (NECTEC/NSTDA) as the editor.



A hand-over ceremony of the Thai version of “A Brief History of Communications” was organized by the National Electronics and Computer Technology Center (NECTEC), a subsidiary of NSTDA, on 20 August 2008. During the ceremony, Mr. Naris Srinual, President of IEEE Thailand Section, presented copies to all of the supporters in publishing the book. All supporters then donated 4,600 copies to IPST for its further activities with school’s libraries around Thailand. A total of 6,000 copies of the books were published. They will be distributed into ComSoc members, schools, and universities nationwide for free of charge. The book was also produced in an e-book format (<http://www.nectec.or.th/Optical&Quantum/ComSoc>) which will be useful for students and the general public. Its distribution will also serve to increase the public awareness about IEEE Thailand Section.

**Dr. Sripimanwat Keattisak (D.Eng)**  
**Chair, ComSoc (Thailand Chapter)**

**IEEE Queensland Section**

**News from Queensland Section**

Queensland Section continues to be very active. By year’s end, the Section expects to have held around 20 events for the benefit of local members in addition to the monthly Execom meetings and AGM. Student Branches in the Section have also been active, holding several meetings and recruitment drives throughout the year. Partly as a result of these recruitment drives, we are very hopeful that Queensland’s membership will soon exceed 1,000 for the first time.

Of particular note is the formation this year of two new Chapters: Aerospace & Electronic Systems and Engineering in Medicine & Biology. This was the result of successful petitions by Mr. Robert Ellen and Dr. Mohan Karunanithi, respectively, who are now the interim Chairs.

The EMBS Chapter held its inaugural event on Friday, 31<sup>st</sup> October, at the University of Queensland, Clinical Research Centre, Royal Brisbane and Women’s Hospital (RBWH), Brisbane. It was a successful launch with 35 attendees consisting of academics from the most prominent universities, clinical researchers, healthcare management representatives in Queensland Health (QH), and researchers/scientists from the national research body of Australia, CSIRO. The program for the day started with light refreshments for the attendees, followed by an hour of presentations and lectures, featuring an official opening by Dr. Alex Zelinsky, Director of CSIRO’s Information & Communication Technology (ICT) Division. The event concluded with a tour through the QH Skills Development Centre, RBWH, which was conducted by the Director of the facility, Prof. Marcus Watson. The facility demonstrated the pros and cons of the various simulations models used for anaesthesia and surgical training, and patient-clinical interactions. We would like to thank the Australian E-Health Research Centre, ICT Centre, CSIRO, for hosting the event.



Dr. Mohan Karunanithi, inaugural Chair of Queensland’s EMBS Chapter, presents his vision for its development.



Prof. Marcus Watson (second from left) leads a tour of Queensland Health’s Skills Development Centre.

**Vaughan Clarkson**  
**Chair, IEEE Queensland Section**

**IEEE Victorian Section  
Celebration of a 25 Year Milestone**

From the reliable recollection of one of our longest serving members, a former Chair and a proficient money manager, Mr. Anthony Gascoigne, this Section was formed in 1983; but prior to that there was a Victorian sub-Section of the (then) Australian Section, the latter having been formed in 1972. The Section was formed to serve and advance members' specialized interests in many Engineering respects. At the present time specialization has broadened into many new areas of renewable energy, alternative bio-fuels and solar power. There are new trends to improve public transport on trains, buses and faster and more efficient air travel. There is great interest in telecommunications, broadband and high speed optical transmission; and in areas of biomedical engineering, nano technology, bio-security etc. Available information shows that Mr. Brian G. Love (deceased) was the first elected Chair in 1983 – 84. He was followed by Mr. Robin A. Court in 1985 – 87, Mr. John Millott 1988 – 89, Dr. Bala S. Kumble in 1990 – 92, Mr. Anthony E. Gascoigne 1993 – 94, Mr. Harry McDonald in 1995 (did not complete a full year), Dr. Dalma Novak in 1995 (part of the year) – 1998, Mr. Robert Slaviero in 1999 – 2001, Mr. Peter A. Wills in 2002 – 03, Mr. Enn Vinnal in 2004 – 06, Mr. Dylan J. Radcliffe in 2007 and the current Chair is Dr. Horace L. King, Mr. Paul Kubik is the Vice-Chair and Secretary and Mr. Tony Gascoigne is the Treasurer. The Section has now grown from just a few Chapters to be currently made up of thirteen successful Chapters.



IEEE Victorian Section Past and present Chairs: Standing L/R: Dylan Radcliffe, Robin Court, Horace KING (current Chair), Peter Wills, Enn Vinnal, Tony Gascoigne. Sitted L/R: Rob Slaviero, Dalma Novak, Harry McDonald.

The anniversary celebrations were arranged in such a way that dinner, including entertainment and awards, would be preceded by a workshop, an invited past Chair presentation and other invited talks would follow on the remaining days of the festive week. One of the invited guests to the VIC25 celebrations was a long-time visitor to the Victorian Section, Professor fred harris from San Diego State University (fred prefers his name to be spelled in lower case). fred is a world-leading expert in signal processing and communications and is well respected and has made many friends in Australia during his past visits. During his week-long visit to attend the VIC25 activities, fred gave a half-day tutorial on “Multirate Digital Signal Processing for Communication Systems” in Melbourne. He also presented an evening lecture on “Digital Signal Processing in next Generation Communication Systems”, in both Melbourne and Hobart, Tasmania. Both the Melbourne events were very well attended. The Tasmanian folk were thrilled to have such a renowned person give their inaugural presentation at the inception of the formation of a new sub-Section in Tasmania, spearheaded by Dr Greg Timms from CSIRO. fred’s humor was in fine form, and well received, as he made the closing remarks at the VIC25 celebratory dinner. The IEEE Victorian Section would like to gratefully acknowledge the kind contribution made by NICTA (National ICT Australia) at The University of Melbourne in helping support fred’s visit and for their collaboration in both the Melbourne-based talk and tutorial, which were run as joint events, reports Rob Slaviero.

Invited eminent guests included the R10 Director – Professor Janina Mazierska, who opened dinner proceedings with great words of support and encouragement. This was followed by past Chairs’ anecdotes by Enn Vinnal, Peter Wills and Robin Court. The invited speaker was Professor Rod Tucker a prominent academic, IEEE fellow, active IEEE member for 37 years and a director of NICTA one of the most highly regarded research centres in Australia.

Professor Dalma Novak was invited by Women in Engineering (WIE) Chair, Dr Irena Atov, to give a talk on “Academia to small business” and also to attend in her capacity as a past Section Chair. Professor Roma Rinkiviciene was invited by Circuits and Systems Chair Dr. Alan Harvey to give a talk on “Electrical Power Generation, from Nuclear Soviet to the EU in Lithuania”. Another talk was given on “Women in Electrical Engineering and applied Sciences in Europe” the following day.

Mr. Hasic Felib was also invited by Circuits and Systems Chair to give a talk on “Journey to greener Electric Motors”



**Award recipients:** Anthony Gascoigne (Most active serving volunteer); Fleur Stephens (Inspirational Student Chair); Leila Keshishian from Victoria University (New Student Branch encouragement award); Rob Slaviero (Most active Section Chair)

Professor Richard Harris was invited by the Communications society Chair Mr. Craig Skinner in corroboration with WIE Chair, to give a talk on “Next Generation Network Planning and Modelling”. Professor Arthur Lowery was invited by LEOS Chair Dr Malin Premaratne to give a talk on “Encapsulating knowledge: Taking Australian Expertise in Telecommunications to the World”.



We should also acknowledge the contribution by industry participation in terms of sponsorship and other professional assistance given to the Section. The following deserve a special mention: SEW Eurodrive, Covey Consulting, CMG, Aquamill, ISSNP, SECE RMIT University, NICTA, The University of Melbourne and Melbourne Convention and Visitors Bureau (MCVB). Many thanks go to Dr Alan Harvey for his tireless effort in securing the sponsorship funds. This indeed was a milestone worth celebrating. We look forward to celebrating the 50 year milestone with all of you but until then, we will see you next year to celebrate the IEEE 125 year milestone!

**Dr Horace KING**  
Chair, Victorian  
Section



## IEEE New South Wales Section

### 2008 Activities & 2009 Plans

Another year is drawing to a close in what seems an accelerating time machine. Measuring the amount of value we have provided our members here in NSW is arguably more subjective. Let’s have a quick re-cap on some of the more significant things we have undertaken. We have expanded the Communications and Signal Processing Society chapters by adding the Oceans Engineering Society, we have formalised the LEOS and Circuits Systems Chapter in one, two major conferences here by the Computer Society and the Communications Society, and around 160 sponsored student memberships, the highest for 4 years.

Looking forward, 2009 is the 125th Anniversary for the IEEE, and every event conducted through 2009 will be identified as an ‘IEEE 125 year Anniversary’ event. Planning for a major anniversary dinner on the 13th March 2009 (the actual anniversary date) will commence shortly, and any ideas, suggestions, assistance would be fantastic. Please communicate your ideas to the committee at your earliest convenience. One of the events that I am personally championing thru the IEEE is a “Gadget Summit”, where inventors, eccentrics and students can engage in a gadget display and presentation, and hopefully some type of award recognition from IEEE NSW. There are many challenges with delivering on this idea, not only with patent law, but with publicity, contractual waivers and of course the inventions, gadgets and gizmos themselves.

As part of the ongoing succession plans with the committee for IEEE NSW, we have had three NSW participants attend the triennial IEEE Sections Congress (SC’08), where representatives from all 328 Sections in the world meet and share ideas, visions, experiences and establish contacts. The challenge facing the IEEE is maintaining its relevance, its values and initiatives in the face of changing social behaviors. The SC’08 communicated means of engaging the media, with technology news, awards and recognition and raising the profile of important individuals. There is no Nobel Prize for technologists, and the IEEE is working to establish the IEEE Medal of Honor as the highest global technology award.

The SC’08 also gave attendees a firsthand look at the personal stories behind 8 of the past IEEE presidents, as well as allowing us to meet some of the characters within the IEEE. It is apparent that most IEEE Sections face similar issues, as well stimulating lateral ideas to adapt what IEEE offers members.

Our NSW Section website has been quietly transformed into a Joomla content management system, and we must offer our sincere thanks to Mr Eduardo Navarro from Puerto Rico. We are getting very close to being able to manage our own web content now, and now we can focus more on keeping web content up to date rather than whiz bang HTML coding heroics.

**David Burger**  
Chair, IEEE NSW Section

**IEEE MP sub-Section, Madhya Pradesh, India**  
**A Two Day Workshop on “Introduction to MATLAB & Simulink”**

Under the auspice of IEEE Subsection Indore India, The Electronics and Computer Science Engineering Department of Acropolis Institute of Technology and Research (AITR), Indore organized a State level two-day workshop on “Introduction to MATLAB and SIMULINK” on 7th – 8th Aug 2008, in association with M/S Cranes Software Ltd. MATLAB is both a powerful computational environment and a high level programming language that easily handles matrices and complex arithmetic. It is a large software package that has many advanced features built in and has become a standard tool for many working in science or Engineering disciplines.

This workshop was being conducted with the objective to provide an introduction to MATLAB, SIMULINK and various toolboxes of MATLAB. It aimed to support academic & research activities in the state. The workshop was open to the engineering faculty members of the state.



Inaugural Session - Left to Right: Mr. Gaurav Sojatia-, Mr. Pavan Kumar, Mr. Harsmatulla Khan., Dr. Durgesh Kumar Mishra, Professor and Head CSE, Dean (RnD) AITR Indore and Secretary, IEEE MP Subsection and Dr. Manohar Chandwani

Workshop was inaugurated by Dr. M. Chandwani, Chairman, IEEE MP Subsection and Director, IET-DAVV. In his speech, Dr. M. Chandwani informed that he came to know importance of MATLAB while doing his formal research and congratulated Institute for conducting workshop on MATLAB as it will be very helpful in academic activities. In welcome speech, Dr. Durgesh Kumar Mishra, Professor & Head, CSE Dean (R&D) and Secretary, IEEE MP Subsection mentioned that Acropolis Institute of Technology & Research always look forward to develop facilities and carry out such activities for promoting research. After this Mr. Harsmatulla Khan and Mr. Pavan Kumar, experts from M/s Cranes Software, started imparting training to the participants.

On first day they introduced MATLAB, SIMULINK, DSP toolbox, Filter Design toolbox, Signal Processing Block set, communication toolbox and block set. On second day Mr. Ezas Ahmed, production engineer, Cranes Software Ltd joined the team of experts. Topics covered in second day were SIMULINK basics, Control System Toolbox, Neural Network Toolbox, Mapping Toolbox and MATLAB report generator. Workshop concluded with valedictory function which was chaired by Shri Ashok Sojatia, Chairman, AITR. In his speech he appreciated the workshop and inspired to carry out more workshop of such nature in future. In his

speech Prof. M. K. Dube CEO AITR informed that Institute will conduct next workshop for students on VLSI technology. Many faculty members from engineering colleges of MP participated in the workshop.



Certificate Distribution - Left to Right: Mr. Gaurav Sojatia, Prof. M. K. Dube, Shri Ashok Sojatia and Mr. Ezas Ahmed

**Dr. Durgesh Kumar Mishra**  
**Secretary, IEEE MP sub-Section**

---

## IEEE Tainan Section

### Chapters Activities

#### Circuit and System Society (CAS)

IEEE CAS Society Nanoelectronics and Gigascale Systems Technical Committee Chair (term 2008~2009) Prof. Chua-Chin Wang, NSYSU

#### Technical Activities

1. Technical Meeting - A speech by Prof. Jing-Yang Jou, IEEE Fellow, “Technology Trend for High Integrated Circuits,” May 13, 2008, NSYSU, Kaohsiung, Taiwan.
2. Technical Meeting - A speech by Prof. Sun-Yung Kung, IEEE Fellow, EIC of Inter. J. of VLSI Signal Processing Systems, “Bioinformatics and Machine Learning”, June 6, 2008, NSYSU, Kaohsiung, Taiwan.
3. Technical Meeting – A joint meeting with IEEE CASS Taipei Chapter on Aug. 6, 2008, Kenting, Taiwan.
4. Technical Meeting - A DLP speech by Prof. David Z. Pan, (Dept. of ECE, UT at Austin), “Synergistic Modeling and Optimization for Nanometer IC Design/Manufacturing”, Sep. 11, 2008, NSYSU, Kaohsiung.
5. Other Activities
  - Co-sponsor 2008 VLSI/CAD Symp., August 05 - 08/2008, Kenting.
  - Co-sponsor ILT 2008 (The 3rd Intelligent Living Technology Conference), June 06, 2008
  - Bidding IEEE APCCAS 2010

Chapter website: <http://vlsi.ee.nsysu.edu.tw/ieee/cass/>

#### Solid State Circuit Society (SSC)

#### Technical Activities:

1. Technical Meeting – A speech of Analog Express CEO, Alexander Choi, “I show you the way to make a million dollars designing analog semiconductor,” March 25, 2008, NSYSU, Kaohsiung, Taiwan.
2. Technical Meeting – Joint annual meeting with Taipei Chapter on Aug. 6, 2008, Kenting, Taiwan.

3. Technical Meeting – IEEE SSCS Student Open Forum and DVD replay, “Embedded Power Management Circuits”, July 14, 2008 NSYSU, Kaohsiung, Taiwan.
4. Technical Meeting – IEEE SSCS Student Open Forum and DVD replay, “Dealing with issues in VLSI interconnect scaling”, Aug. 11, 2008 NSYSU, Kaohsiung, Taiwan.
5. Technical Meeting – IEEE SSCS Student Open Forum and DVD replay, “Dynamic Offset Cancellation Techniques in CMOS”, Aug. 25, 2008 NSYSU, Kaohsiung, Taiwan.
6. Technical Meeting – IEEE SSCS Student Open Forum and DVD replay, “CMOS Frontend Design”, Sep. 1, 2008 NSYSU, Kaohsiung, Taiwan.
7. Technical Meeting – A speech by Dr. R. Hu, GM of Asuka Semiconductor Inc. “Good Products and Good Engineers in Our View”, Nov. 3, 2008, NSYSU, Kaohsiung, Taiwan.

#### Promotion of IEEE SSCS:

1. A talk given by C.-C. Wang, title: “Introduction to SOC/VLSI Design,” to graduate students of Dept. EE, National Kaohsiung First University of Science and Technology, Oct. 14, 2008.
2. A talk given by C.-C. Wang, title: “Introduction to SOC Design,” to undergraduate students of Dept. CSIE, Cheng Shiu University, Kaohsiung, Oct. 22, 2008.

#### Others Activities

##### Co-sponsorship Technical Activities (Jan – Dec 2008)

1. 2008 VLSI/CAD Symposium, August 5 – 8, 2008, Kenting, Kaohsiung.
2. Co-sponsor 2009 A-SSCC
3. Co-sponsor 2009 VLSI-DAT

##### Future Activities

1. Co-sponsor IEEE APCCAS 2010
2. Election of IEEE SSCS Tainan Chapter Chair for the term 2009 - 2010

Chapter website: <http://ee.nsysu.edu.tw/ieee/sscs/>

### Antennas and Propagation Society (AP-S)

#### Workshop on TW3D 2008 & Annual Meeting 2007

The IEEE AP-S Tainan Chapter organized the “2008 Topical Workshop on 3D Pattern Measurement” and “2007 IEEE AP-Soc Tainan Chapter Annual Meeting” on January 28, 2008. The Workshop and the Annual Meeting was held at ROC Military Academy and hosted by Prof. Hong-Twu Chen (ROC Military Academy), Chair of Tainan Chapter. This year, we had a record number of about 110 participants. The attendance included 35 members of the IEEE AP-S Tainan Chapter and 75 guests.

The Workshop featured two invited speeches. The first talk entitled “The Establishment of Performance Test Platform for Wireless Products” was given by Prof. I-Fong Chen (Jinwen University of Science and Technology, Taiwan). In this presentation, several performance test platforms for wireless products, including the facilities for 2D and 3D antenna pattern measurement and the platform for SAR measurement, were introduced. The experiences on the laboratory certifications were shared. The second

presentation entitled “Measurement Technology and Solutions for the Wireless Products” was delivered by Mr. David Cheng (Training Research Co., Ltd., Taiwan). In this presentation, 3D far-field pattern measurement techniques were introduced. Several commercial 3D measurement systems were also demonstrated. And, their applications to mobile phone Over-The-Air performance test were also addressed.

The Annual Meeting took place right after the Workshop. The Chapter activities of the year 2007 were reported by the Chapter Secretary Prof. Wen-Shan Chen (Southern Taiwan University of Technology). During the year 2007, the Tainan Chapter held 15 technical meetings, co-organized four conferences and one workshop. As for the membership development, the member number increased from 34 to 45. It is especially worth mentioning that the number of student members increased from 3 to 9 during 2007. That is, the services provided by the Tainan Chapter are endorsed by the Chapter members and therefore they encouraged their students to join the IEEE and AP-S.



IEEE AP-Soc Tainan Chapter Annual Meeting

At the meeting, the incoming Chapter officers for 2008 were introduced to the Chapter members and the Chapter honored the outgoing Chapter Vice Chair Prof. Jin-Sen Chen (Cheng Shiu University) and Membership Development Chair Prof. Jieh-Sen Kuo (Kao Yuan University) by presenting them “Plaque of Appreciation” and “Certificate of Appreciation,” respectively. The introduction of “2008 International Symposium on Antennas and Propagation, ISAP 2008,” was held in October 2008, was organized by the Chapter Secretary Prof. Wen-Shan Chen (Southern Taiwan University of Technology). The “2008 Intelligent Systems Conference on Engineering Applications, ISC 2008” and “2008 Symposium on Applications of Information, Communication and Management of Technology, SAIC 2008” were introduced by Prof. Shan-Cheng Pan (Shu-Te University). The “ISC 2008” and “SAIC 2008” are two major conferences co-organized by the Tainan Chapter and were held in March 2008 and June 2008, respectively.

#### Computational Intelligence Society (CIS)

In the period of January - October 2008, IEEE CIS Tainan Chapter has held two technical meetings and co-organized one local conference. The first technical meeting was held on March 14, 2008. CIS Tainan Chapter and E.E. Department of I-Shou University invited Professor Wei-Der Chang of Dept. of Computer and Communication, Shu-Te University, Taiwan, to deliver a speech about the intelligent techniques in filter design. The second technical meeting was held on June 11, 2008. CIS Tainan Chapter and E.E. Department of I-Shou University invited Professor Huang-Chu Huang of Dept. of Electronic Communication Engineering, Kaohsiung Marine University, Taiwan, to

deliver a speech at the meeting. The title of speech was "The applications of intelligent techniques". Another two technical meetings were planned to be held on November and December, 2008 respectively.

CIS Tainan Chapter also co-organized one local conference which was the 15th National Conference on Intelligent Living Technology (ILT2008). ILT2008 was held at National Chin-Yi University of Technology on June 6, 2008. In this meeting, there were over 200 technical papers with high quality research contributions pertinent to intelligent theories and applications. The meeting provides researchers an opportunity to obtain direct feedback about their works from a wide range of professionals. Beside, CIS Tainan Chapter will co-organize one local conference, 2009 Electronic Communication Conference, on May, 2009 with National Kaohsiung Marine University.

Currently, CIS Tainan Chapter is helping I-Shou University to establish the third IEEE Student Branch in Southern Taiwan. This Branch not only can help the student of I-Shou University to join the family of IEEE, but also can help them to gain the knowledge of advanced technologies.

#### Engineering in Medicine and Biology Society (EMBS)

- At Yunlin University of Technology on 14 March 2008, Prof. Chun-Yu Yeh of the School of Physical Therapy at Chun Shan Medical University gave her presentation "The Clinical Applications of Neuroprostheses".
- On 11 April 2008 at Kaohsiung University of Applied Sciences (KUAS) Dr. Robert Rieger of National Sun Yat-Sen University gave his speech "The Electronics of Nerve Signal Recording".
- On 11 November 2008, Dr. Robert Rieger gave a talk at National Kaohsiung Normal University (NKNU) entitled "Certain Topics in Neuroprosthesis Design".



Prof. Chun-Yu Yeh, giving her presentation

**Jhing-Fa Wang**  
Chair, Tainan Section

#### Attention: IEEE Section and Council Officers

#### Chance to get 10% Bonus!

Dear IEEE Section or Council Secretary,

To supply the appropriate rebate to your Section or Council, the IEEE requires annual reporting of financial activity, meeting activity, and current officers of Sections, Subsections, Councils, Chapters and Affinity Groups. Section and Council Secretaries are responsible for submitting the 2008 meeting and current officer reports for their unit by 20 February 2009. You should verify that all subgroups have submitted their reports by this deadline, as well. If all reports are received by the deadline, your unit will earn an additional 10% bonus, for timely reporting.

As you know, reporting forms are no longer distributed in hard copy. You must utilize the on-line meeting report forms available at <http://www.ieee.org/L31>. No passwords are needed.

For more information about the components and requirements of the 2009 rebate for 2008 activity, go to: <http://www.ieee.org/scsreports> and click on the link "View the latest Rebate Schedule".

All required forms, to report financial activity, meeting activity, and current officers, as well as instructions and information, are available on the Section/Chapter Support web site at <http://www.ieee.org/scsreports>. You should submit all meeting and officer reports directly from the web. When your report is transmitted a confirmation copy will appear on your screen, which you can print and retain for your files. Chapter, Subsection, and Affinity Group officers submitting the L31 report on the web may send a copy of the report to their Section Secretary, Society contact, etc., by including the appropriate email addresses in the "Email CC List" field at the bottom of the form. It is not necessary to forward a hard copy, or email copy, of the report to IEEE Section/Chapter Support staff.

Please direct any inquiries to: IEEE Members & Geographic Activities.

**Peggy Kovacs**

Phone +1 732 562 5513

Email: [p.kovacs@ieee.org](mailto:p.kovacs@ieee.org)

#### IEEE Foundation Awards Nearly US \$100,000

IEEE Foundation is encouraging engineers to take on humanitarian projects, supporting scientific exhibits in museums, and helping students gain more from internships. For more information on goals of four projects awarded grants by the IEEE Foundation, go to: <http://bmsmail3.ieee.org:80/u/13702/03474392>

**HAPPY NEW YEAR**

## IEEE Taipei Section

### 2008 IEEE Taipei Week

IEEE Taipei Section has always been dedicated to promoting the communication with the industries. To correspond with Cross-Strait Electronics Show, Taiwan Electrical and Electronics Manufacturers Association and IEEE Taipei Section hosted a series of workshops for “2008 IEEE Taipei Week” in the newly-built Taipei World Trade Center, Nangang Exhibition Hall.

Three workshops were held daily during Oct. 8-10, co-hosted by IEEE MAG, SMC, and EMC Chapters sequentially. The topics were “Workshop on Magnetic Material Industry” hosted by Prof. Chang, Ching-Ray in Department of Physics, NTU, “Workshop on Systems, Man, and Cybernetics” hosted by IEEE SMC Chapter Chair Prof. Su, Shun-Feng in NTUST, and “Workshop on Electromagnetic Compatibility” hosted by IEEE EMC Chapter, Prof. Wu, Tzong-Lin in Department of Electrical Engineering, NTU. All workshops were successful. In total, this event invited 24 foreign and native scholars, including 8 IEEE fellows. Not only teachers and students attended the seminars, but also general public and government specialists were interested in these topics. It was an amazing and precious opportunity that all the related scholars and specialists could all gather at the event to have thoughtful discussions and exchange of different ideas. Many attendees also visited the Electronics Show to witness the latest development in Taitronics, Broadband communications and RFID applications.

It is also worth mentioning that a beneficial program was held by the IEEE Taipei Section to encourage students to join IEEE. To facilitate the local students to join IEEE, Section staffs were on the spot to explain the web application process and collected the membership fee. In addition, joining the IEEE Taipei Section on the event days could get a NT 200 coupon. Around 20 members were recruited (including new and renewal members), and over 2000 leaflets were distributed, which is believed to fulfill the goal of publicity and recruitment.

### 2008 International Workshop on Electromagnetic Compatibility

The 2008 International Workshop on Electromagnetic Compatibility (EMC) was held on October 10th, 2008 at Taipei World Trade Center (TWTC) Nangang Exhibition Hall, Taipei, Taiwan. Sponsored by the IEEE Taipei Section, IEEE Taipei Chapter of EMC Society, and IEICE Taipei Section, the workshop was aimed to accelerate the momentum of researching in EMC area and provide a knowledge sharing platform for researchers from Asia-Pacific region as well as from other parts of the world. The participants came both from academia and industries in Taiwan. The number of attendees reached 108 with 59%

from academia and 41% from industry, which marked a great success in bridging the academia and industry.

Three international scholars and seven experts from Taiwan were invited to give talks. The three scholars were Prof. Todd Hubing (Clemson Univ., USA), Prof. Hiroshi Inoue (Akita Univ., Japan), and Dr. Er-Ping Li (IHPC, Singapore). The topics of their talks were “Modeling the Maximum Radiated Emission from Printed Circuit Boards”, “Basic Study on Undesired EM Radiation and Suppression”, and “Modeling of Electrical Package Signal Integrity and Power Integrity”, respectively. Dr. Er-Ping Li’s talk was also the Distinguished Lecture activity on behalf of IEE EMC Society. The seven experts in Taiwan rendered topics about “signal integrity issues on PCB” by Dr. Shou-Kuo Hsu (Foxconn Corp.) and Prof. Chi-Wen Kuo, “ESD issues and protection circuit” by Prof. Ming-Dou Ker (NCTU), “EMI issues at power frequencies” by Prof. Chang-Fa Yang (NTUST), “Electromagnetic Bandgap Structure design” by Prof. Ray-Beam Huang (NCTU), and “EMI/RFI issues in wireless communication products” by Prof. Han-Nian Lin (FCU) and Dr. Daniel Lee (Sporten Inc.)

The workshop remained highly interactive with many questions and comments among the participants and the speakers. The participants appreciated this one-day workshop dedicated on EMC because it was an inspiring and insightful experience with both technical depth and breadth.

The Chairman, Prof. Tzong-Lin Wu, on behalf of the organizing committee, would like to thank all the attendees, especially Prof. Ruey-Beei Wu (Chair, IEEE Taipei Section) and Prof. Song-Tsuen Peng (Chair of Taipei EMC Chapter), for their kind support in every aspect, which made the workshop a wonderful and fruitful experience.



Invited speakers and organizing committee members of 2008 International EMC Workshop

**Hsin-Mei Huang**  
IEEE Taipei Section

## IEEE Philippines Section

### “Condition Monitoring of Oil-Paper Composite Insulation System of Transformers using Dielectric Response Technique”

A DLP talk by Professor Sivaji Chakravorti

November 6, 2008

#### Background

The IEEE Philippines Section is mobilizing its volunteers to form a Power and Energy Society Chapter in the Philippines. In order to promote this endeavor, the Section partnered with the local Institute of Integrated Electrical Engineers (IIEE) (<http://www.iiee.org.ph>) to tap its many members for membership to the IEEE and the PES. The IIEE requested the IEEE Philippines Section for technical assistance in the form of a resource speaker for its Annual National Convention (ANC) on November 4 - 8, 2008. The IEEE Philippines Section contacted the PES for assistance through the DLP program. The IIEE PES, through its current President, Wanda Reader, accommodated this request despite the absence of a PES Chapter in the Philippines. The DLP visit, however, is a big boost to our efforts in promoting the IEEE here in the Philippines and in the formation of the local PES Chapter. With activities such as this, IEEE PES members realize further the value of IEEE membership.



#### The DLP Talk

Professor Sivaji Chakravorti gave a DLP lecture on the subject matter, “Condition Monitoring of Oil-Paper Composite Insulation System of Transformers using Dielectric Response Technique”. This was quite relevant and in line with the theme of the IIEE ANC, which was, “Responding to Global Electrical Safety, Energy Efficiency and Environment Protection”. This was a timely topic considering that many of the power distribution utilities and electric cooperatives in the Philippines operate ageing transformers and were keen to get updated on latest techniques on condition monitoring of such equipment.

The ANC was attended by members of the IIEE as well as IEEE members in the power and energy sector. Every regional Chapter of the IIEE was represented by its officers and the attendance in the ANC reached more than 1,000 people every day. The DLP talk itself was attended by more than 120 engineers. Because of the 1 hour time slot (the talk itself actually went for 1 hour 30 minutes), some of the technical derivations and detail could not be discussed, however the talk was able to provide a good overview of the problem, methodology and the current state of the implementation. The speaker fielded technical questions

from the audience. Several members of the audience also requested for a softcopy of the speaker’s presentation.

Many thanks to the Power and Energy Society (PES) of the IEEE for making this DLP visit possible.



The PES Chapter formation is being spearheaded by the IEEE Philippines Section and Prof. Allan Nerves PhD (MIEEE) who is the interim Chair of the soon-to-be established Chapter. The PES Chapter is actually a joint Chapter between the PES, Industrial Applications, Industrial Electronics and Power Electronics. We have gathered 10 signatures and others have indicated their support. We are in the process of gathering their signatures on the petition and this should be forwarded to the IEEE headquarters soon.



Prof. Chakravorti with Dr. Allan Nerves (interim Chair of IEEE PES Philippines Chapter)

**Prof. Joel S. Marciano PhD SMIEEE  
Chair, IEEE Philippines Section**

## IEEE Seoul Section

### 1. "Let's Know Industry"

#### "CMOS Image Sensor Technology: From Fundamentals to the State-of-the-Arts"

Held at Hanyang University, Seoul, Korea

The special education program entitled "Let's know industry" for graduate school students was held in Hanyang University in Seoul, Korea on February 18th, 25th and 27th in 2008. The program was sponsored by Education Activity Committee, IEEE Region 10, and aimed at understanding the current technology issues the industry faces as well as the fundamentals of the CMOS image sensor technology. The program consists of lectures and discussions. The lectures on the basics of the CMOS Image Technology were delivered by Professor Park Sang-Sik from Sejong University who have been involved in the field for more than 15 years both in Samsung Electronics and Sejong University. Other distinguished lecturers Dr. Shin Hong Jae (LG-Philips), Dr. Kang In Byung (LG-Philips), Dr. Yoo Sang Dong (Hynix), Prof. Yoon Han Sup (Hanyang University) joined to give their talks. The topic of the first day was "Introduction to image sensor technology". The topics of "CCD/CMOS image sensors" and "Image quality and the state-of-the art image sensor technology" followed on the second and third day respectively. More than 40 engineers at Hynix Semiconductor and over 100 students took part in the program and shared the knowledge and ideas through active discussions.



After the initial focus on IEEE Region 10, Prof Kwack turned his attention to the IEEE Seoul Section and the first International Students and Young Scientists Conference, hosted by two countries of Europe Region 8 (Poland and Ukraine). The conference is planned to be held in three countries in turn every year. The next locale of this conference is scheduled in Warsaw, the capital of Poland. Hanyang University and Korea University from Korea participated in the conference of the series, and hereafter, will encourage other Universities from R10 to join.



Prof. Kwack addressing the Conference participants

Prof Kwack ended his presentation with discussions on IEEE Asia Pacific Region 10 and Europe Region 8. Specifically he gave some goals of this conference such as, academic and cultural exchange, cooperation program between IEEE Seoul Section and Europe Region 8. Finally, Prof Kwack thanks to KPI ( Kiev Polytechnic Institute) for holding the conference, and ended his presentation with hope to have chance to understand academic and cultures of three countries through students presentation during 4 days. KPI, a prestige University of Ukraine, is located in Kiev which is the capital of Ukraine, and has 32000 students and professors. KPI is the largest-scale Royal University in Europe with a one hundred and fifty year history. Mendeleev who originated periodic table had stayed for years in this University. KPI has set up a sisterly relationship with Hanyang University.



### 2. International Students and Young Scientists Conference

#### "INTELLIGENCE, INTEGRATION, RELIABILITY"

HELD IN KIEV, UKRAINE

29 APRIL - 2 MAY 2008

The conference commenced at about 10am with opening formalities by Prof O. Zbrutsky, Kiev Polytechnic Institute, Dean of the Aero-Space System Department, Ukraine. After the official opening Prof Kae-Dal Kwack gave a presentation on "Academia-Culture Exchange Program; Korea, Poland, Ukraine." Prof Kwack is the current Chair of the IEEE Seoul Section and was a general co-chair of the conference.

Professor Kwack gave an overview of IEEE Region 10, including its vision, functions, and current state.

After Prof Kwack, Prof. Sun-shin, past IEEE Seoul Section Chair, spoke on the topic "What's IEEE Region 10?" focusing on cultural exchange & R10 activities. The conference continued for four days in which 30 presenters from 3 countries presented their papers.

By attending this international conference, we had a chance to establish contacts with various areas of the technology

and information. Besides state-of-art technology trend, we also shared each country's history and culture. KOREA has good applied technologies whereas Poland and Ukraine are strong in basic science and thus joint researches will be very helpful to each country. We hope that in the near future, many other countries of near Poland and Ukraine from IEEE R8 will join, so may this program be more fruitful among IEEE student members. Thanks again for KPI for hosting this conference. We promised to see in next place, Warsaw University of Technology, Poland. The Conference ended at 3:10pm, 2 May after photo sessions of all the participants.



(Report written by Kyung-Soo Park Graduate Student of Hanyang University)



Invitation Letter for the special event of HMPD (Highly Membership Promotion Committee)

### 3. HMPD 2007

Higher Membership Promotion Committee meeting was held to strengthen the corporation and friendship between members on December 30, 2007.

HMPD was established several years ago for the purpose of providing attention to the electronic engineers who have been unnoticed and rendering wider publicity to their distinguished service to Korea. HMPD 2007 was an important meeting for the purpose of Higher Membership Promotion. During the meeting, five distinguished members were honoured for their services to IEEE Seoul Section.



K. D. Kwack  
 IEEE Seoul Section Chair, 2008

## GOLD News & Highlights

### IEEE GOLD Summit

Nine GOLD delegates from Region 10 attended the inaugural IEEE GOLD Summit and Sections Congress which took place in Quebec City from September 18th until September 22nd. This turnout was the biggest number of GOLD Summit delegates out of all 10 regions. Yasuharu Oghoe, the winner of the 2008 Region 10 GOLD award took the responsibility of coordinating the GOLD Summit.



GOLD delegates from all IEEE Regions

The GOLD Summit was run over 2 half day sessions with the intent of facilitating, growing and developing young leaders in IEEE GOLD. This was performed in an environment where like-minded IEEE GOLD volunteers from different parts of the world shared and discussed their ideas, practices and experiences.



Region 10 was paired up with Region 5 where I worked with Kheng Swee Goh, the Region 5 GOLD Summit Leader

to jointly develop an action plan and report to bridge Regional GOLD management and GOLD affinity groups. The findings from this report were presented to the GOLD Summit delegates in Quebec City.

Each Region had to submit a poster to convey the success and failure stories of its GOLD affinity groups to share best practices and allow other Sections to learn from their failures. The poster from Region 10 was voted second place with Region 1 winning the best poster competition.

on the second day of the GOLD Summit, the GOLD delegates were introduced to the IEEE Student Transition & Elevation Partnership (STEP) program and the MGA's Strategic Direction & Environmental Assessment. This was followed by a breakout session to discuss GOLD Action plans.



Overall, the GOLD Summit provided the opportunity for the GOLD delegates to develop networks, increase inter-regional communication and collaboration and further develop their knowledge of IEEE GOLD and their leadership skills. This event has no doubt been successful and is expected to be repeated in future.

I am pleased to mention that Region 10 GOLD attracted the most GOLD Summit delegates. This would not have been possible without the support from the Section Chairs, Region 10 GOLD Coordinator, Helene Fung, Region 10 Director, Janina Mazierska and the influence of the MGA GOLD Chair, Soon Wan.

**Timothy Wong**  
**Region 10 GOLD Summit Leader**

### GOLD Affinity Group, Hong Kong Section

#### Multi-dimensional Activities

#### 1. Taking part in Sichan of China after the disastrous earthquake

HK GOLD, together with the Student Branches and other local engineering organisations, has formed a group called "512 Young Engineers" to give a hand to the victims in Sichan of China. A series of events has been held to raise funds for reestablishing schools for the concerned children. Two HK GOLD committees, Mr. Dennis Lo and Mr. L. F. Yeung, joined a field trip to Sichan from 15 – 17 November to get more first-hand information about the situation, which would help us to formulate a more effective plan for rebuilding the community. More information and experience will be shared among the GOLD network later on. *Continues on next page)*



Group of 512 Young Engineers

## 2. Networking

Increasing our visibility in different levels is one of our objectives and as such HK GOLD has organized various kinds of joint activities with different engineering societies of Civil, Mechanical and Electrical disciplines throughout the past 4 years and thus establishing a solid relationship with them. We saw a synergy to cooperate with them in organizing activities and promoting the engineering industry to the general public. This year we extended our connection to other non-engineering societies such as those of teachers and arbitrators.

On invitation by the Chartered Institute of Arbitrators East Asia Branch's Young Members Group (CI Arb EAB YMG), we joined their annual party on 24 Oct 2008. We met some young solicitors, surveyors and other young professionals, and introduced IEEE and GOLD to them. Some follow-up activities will be organized soon. We aim to increase IEEE's visibility and let more people understand what we have done to foster the development of our societies through our connection to others non-engineering organizations.



## 3. Representation at R10 GOLD Summit 2008

HK GOLD committee nominated Mr. L.F. Yeung to join the GOLD Summit 2008. It was a great opportunity to network and share our experiences in running GOLD with our counterparts from all over the world. HK GOLD values the chances to network with other GOLDS for the development of our committees. We encourage our committee members

to join such international events, which not only can broaden their horizons but also can get ourselves aligned with the latest development of GOLD in other Sections so as to bring values to our communities via our GOLD network. We are looking forward to join such meaningful events in the future.

**Ken Chan**  
Chair, GOLD HK Section

---

## Region 5 GOLD Visit

### A Visit from Houston Section to R10 GOLD Groups

Between October to November of 2008, I made a trip to Malaysia, Singapore and Perth Australia. This was really a personal trip, but since I am a Malaysian living in the US, and I've already met Tim Wong and Helene Fung at the 2008 GOLD Summit in Quebec City, Canada; I thought it would only be natural for me to check out how GOLD groups are run in the countries that I was visiting.

By chance, Region 5 was teamed up with Region 10 at the GOLD Summit in Quebec to come up with ideas on enhancing relationships between Sections and Regions. This meant Tim and I (summit leaders from our respective Regions) were in a group to come up with some new ideas... and "visiting local GOLD groups while travelling" was exactly one of the ideas we came up with! Guess there's nothing like practicing what we preached!! In all my meetings, I was given warm welcome by all the GOLD members.

I met up with Singapore GOLD first. While some of the committee members were tied up with previous engagements, I was able to meet and chat with 2 of them. Namely, Darrel Chong and Zhou Yi. Zhou Yi was originally from China, and have since studied in National University of Singapore and now living and working there too. He is also the current GOLD chair. Darrel gave me a quick historical overview while



Zhou Yi gave me the current status of Singapore GOLD. We talked about our experiences in our GOLD groups while we enjoyed our drinks while savoring the night view of Singapore up in the tallest bar in the country, New Asia Bar – up on the 72nd floor.

Next, I met up with the members of Malaysia GOLD. They were also very friendly and gave me a very warm welcome. Fairuz Bin Abdullah, GOLD Chair, and Iqbal Saripan along with their team took me to a nice Malaysian meal at the restaurant. We shared our stories and was glad to hear they are quite an active group in Malaysia. They were also intrigued to learn that many of our GOLD groups are already on Facebook and agreed that they will look into getting Malaysia GOLD onto Facebook too.



With Malaysian GOLD

Finally I went to Perth, Australia. I am happy to say I was given the royal welcome and great Australian hospitality by Tim (Western Australia GOLD Chair), Helene (R10 GOLD Coordinator and past WA GOLD Chair), David Hng (WA GOLD Treasurer), and the local wildlife - some encounters, like those with the local sand flies, were a bit too close for comfort! Our planned meeting was supposed to be a breakfast meeting, but prior to that, I was even lucky enough to have bumped into past WA GOLD Chair, David Lim, the night before since he could not make it to the breakfast meeting. I had the chance to chat with everyone and share with them my own experience with GOLD as well as the way the GOLD affinity group operates in WA. WA Section is quite unique because their next nearest Section is some 4 hours away by PLANE; in Houston, all we needed to do was to hop in the car and drive for 30 minutes!

I was pretty impressed by the great balance of a high level of professionalism and commitment to WA GOLD as well as a great sense of teamwork by the committee members. Managing a GOLD group and ensuring a close working relationship with Student Branches in WA Section is certainly not an easy job; but Tim and his group seem to have no problems.

In our breakfast meeting at a café on beautiful Cottesloe Beach overlooking the Indian Ocean, we chatted as I tried my first ever Tasmanian salmon. As a natural progression following the GOLD Summit discussions, we exchanged ideas about the direction GOLD activities around the world is heading, as well as how our respective groups operate and upcoming events planned. Another thing about WA that impressed me was that unlike my group, they received no funding from the Section! Instead these entrepreneurs got

the Section's blessing to seek industry sponsorship several years ago, and have been running on sponsorship funding.



With Western Australia GOLD

Due to the different nature of our GOLD groups, there will definitely be ideas which, while working for one group, cannot be meaningfully replicated in the other. But by establishing contact during my travels, I feel that I have now built bridges with these GOLD groups, and I certainly look forward to working with Singapore, Malaysia and Western Australia GOLD again in the near future.

**Kheng Swee Goh**  
**Chair, GOLD Houston Section, Region 5**

**IEEE Personal E-mail Alias  
with Virus Scanning and UCE Filtering**

Your\_Name@ieee.org

IEEE offers a personal e-mail alias service through which IEEE members can register or instantly update a personal alias of their choice. Messages addressed to the alias@ieee.org will automatically be forwarded to the members real Internet e-mail address at their ISP.

An IEEE Personal E-mail Alias also offers an optional anti-spam feature – the Unsolicited Commercial Email (UCE) filter. Choose your own level of filtering sensitivity to have UCE tagged for your review or completely blocked from delivery.

Advantages of a Personal IEEE E-Mail Alias:

- If you change your internet service provider and hence your e-mail address, you only have to send one correction an update to IEEE.
- If you change your employer or your location within the company which results in a different e-mail address, you only have to send one update - to IEEE.
- An e-mail address which is independent of your service provider or employer.
- Only one place to make changes to your e-mail address.
- IEEE aliases are usually easier to remember and simpler to use than the real address.
- An e-mail address which associates you with IEEE.
- IEEE E-mail Alias is easy to sign up for and easy to update. Register today for your IEEE e-mail alias.

## IEEE R10 Student Branches News and Highlights

### University of Auckland IEEE SB

#### Recent Activities

The primary goal of the University of Auckland IEEE Student Branch has long been to establish itself as an integral part of university life for students in IEEE related fields. Specifically, we aim to foster the growth of an 'IEEE culture' amongst students, where IEEE events are eagerly anticipated by all. This strategy has proven to be very successful tactic over the past 2 years and the IEEE Student Branch has become a hub of activity for students, with a net membership growth of almost 40%. Three events held recently have helped to reinforce the Branch's strong presence amongst students and have to sustain this healthy growth rate.

On Friday 19th of September, we held our second annual showcase tour of final year projects in the Electrical and Computer Engineering (ECE) department. The aim of this is to encourage first year university students to be aware of the countless possibilities a degree in this area can offer. We were successfully able to move nearly 100 first year students via narrow corridors and hallways, to view over 100 exciting projects ranging from a robotic fish to a device that can convert any regular LCD into a touch screen. The feedback from students was excellent, and it is hoped that



many will choose a career in ECE. This helps to raise awareness of IEEE and the Student Branch right from student's first year of university.

First year students enjoying pizza during their first experience with IEEE

Shortly after this event, on 1st October, the second annual IEEE Quiz Night was held. This event, based on a 'pub quiz' format, proved yet again to be an excellent success with 20 teams and over 130 participants, a 60% increase from the previous year. Some memorable questions included "If the quanta of light are photons, what are the quanta of sound?" and "The four fundamental elements of circuit theory are resistors, capacitors, inductors and what?" The event was an excellent opportunity to reward our existing members as well as to raise the profile of the Branch as a core student organisation. IEEE pamphlets and promotional materials were distributed to all the teams. The MC, Dr. Mark Andrews, did an excellent job and kept the crowd well entertained.

Students put their minds to the test at the IEEE quiz night



Finally, on October 9th, the Branch held its annual trip to New Zealand's tallest building, and the largest FM combining transmitter in the southern hemisphere: the Skytower. The trip offered a valuable insight into the workings of a major television/radio transmitter to a small group of IEEE student members. The tour explored parts of the tower off-limits to the general public, including an outdoor balcony with a breathtaking view of the streets 300m below.



A microwave dish transmitting across Auckland City, seen on the field trip to the Skytower

**George Gordon**  
Chair, University of Auckland IEEE SB  
[www.ece.auckland.ac.nz/~ieee-student](http://www.ece.auckland.ac.nz/~ieee-student)

---

#### IEEE MP sub-Section Student Branch Activity

##### Two-day Workshop on Real-Time Operating System (11 -12 April 2008)

The IEEE-Student Branch of SVITS, Indore is revived in March 2008, with the appointment of Ms Mahima Mehta and Mr Anand Rajawat (CS) as Coordinators of IEEE-SB. A two-day National Workshop on "Real-Time Operating System" was organized jointly by the Electronics & Communication and Electronics & Instrumentation departments under the aegis of IEEE Student Branch in association with Oasis Technologies Pvt. Ltd., Pune Maharashtra. The objectives of this workshop were two-fold: To rejuvenate IEEE-Student Branch as well as to build up a platform for the PG students and academicians to have the industry-institute interaction.



Inaugural Session (Seating)- Mr. R .C. Parmar, Dr. Ing V. P. Singh- Dr. M. G. Sharma, Dr. Manohar Chandwani, Mr. N Gupta (Standing) Mahima Mehta, Mr K. Gupta, Mr. Anand Rajawat, Mr Abhishek Puranik, Mr Chavvi Gupta

The inaugural ceremony was blessed with the presence of Dr. M. G. Sharma, Director, MIT, Ujjain and Dr. M. Chandwani, Director, IET, DAVV, Indore and Chair, IEEE MP sub-Section. There were about 50 participants from the esteemed Engineering institutes from all over M.P. The event was appreciated by the academicians for the technical expertise of the trainers from industry. The workshop intended to give the participants hands-on training experience on RTOS programming, concept and interfacing. The workshop was conducted in five sessions, including three theory and two practical sessions. In theory sessions Mr. Kartik Natrajan talked about the fundamentals of RTOS functioning. Specifically, he described task, process, kernel architecture, context switching, preemptive and non-preemptive scheduling algorithm, semaphores, mutex and mailbox. In practical sessions Mr. Nilesh demonstrated and gave hands-on training to the participants on these topics. The Conveners of workshop were Mr Namit Gupta and Mr Kamlesh Gupta. The Co-coordinators were Ms Mahima Mehta and Mr Anand Rajawat. The members of student committees were Abhishek Puranik, Harsh Mittal, Maitree Mishra, Chhavi Gupta and about 30 student members.

**Dr. Durgesh Kumar Mishra**  
Secretary, IEEE MP sub-Section

-----  
**IEEE HIIT Student Branch, Karachi**

**2008 Activities of IEEE HIIT SB**

IEEE HIIT SB at the Hamdard University Karachi, Pakistan mainly focuses on the development and enhancement of technical skills of students and introducing research & innovation culture at Hamdard Institute of Information Technology (HIIT). IEEE HIIT SB supports research and engineering activities among students by organising seminars, workshops, conferences, and industrial tours for encouragement and training.

The Annual General Meeting 2008 was held on Monday 14th April 2008 and was attended enthusiastically by new and old members. Dr Abdul Rehman Memon, Dean Faculty of Engineering Sciences and Technology was invited to the AGM. Following are the new elected office bearers:

Chair	Adeel A. Awan
Vice Chair	Saqib Munawwar
Secretary	S. Noman Husain
Treasurer	Adeel ur Rahman

The Counselor and mentors for the SB are

Counselor	S. Hyder Abbas
Mentor	M. Shahab Siddiqui
Faculty Member	Dr. Iqbal A. Khan
Faculty Member	Ch. Fahad Azim

Previous SB committee organised 4 seminars and industrial tour to Civil Aviation Authority (CAA). The Student Branch also participated in 7 different National competitions, workshops, seminars, and conferences.



Judges, faculty and students inspecting projects

**IEEE Introductory Research Seminar**

On 29th October 2008, first seminar was organised for 1st Year students. The topic was "Role of IEEE in Enhancing Research Aptitude among Faculty and Students". Seminar speaker was Mr. S. Hyder Abbas.

**PCB Workshop**

On day 29th October 2008, SB arranged first workshop for 1st and 2nd Semester Students. The topic of the workshop was "Designing and Fabrication of Printed Circuit Boards". Workshop was conducted by S. M. Baber Ali.



Students busy at completing their projects

Workshop objectives were:

- o To enhance the skills in the field of PCB (Printed Circuit Board) designing, fabrication and manufacturing.
- o Get the latest updates on OrCAD Software.
- o Get the knowledge about the industries which are currently working in this field

Main areas were:

- o Classification of PCB (Single, Double and Multi Layer).

- Multi Layer Designing Using OrCAD.
- Fabrication Process (Double Layer)

### Seminar on Resume Writing & Interview Skills

On 6th November 2008, SB organised second seminar for the final year students. Seminar speaker was Mr S. Faiz Ahmed.



HIIT Students at a Project Design Competition

In its current tenure the IEEE Student Branch at the Hamdard Institute of Information Technology is focusing on conducting study tours to different industries, workshops, seminars and IEEE Knowledge Dissemination Week.

**Saqib Munawwar** ([saqib@ieee.org](mailto:saqib@ieee.org))  
**Vice Chair, IEEE HIIT Student Branch**  
**Hamdard University (HU) Karachi, Pakistan**

### IEEE JMI, India

#### ENCOMIUM 08 - An Intellectual Odyssey

ENCOMIUM 08 An Intellectual Odyssey, the bravura technical fest organized by IEEE-JMI on the 16th – 17th August 08 was a grand success and saw a titanic turnout of participants from colleges of different parts of the country. The first day had around 500 students and the second day saw a record turnout of 1000+ students.

#### Day1

The inaugural ceremony of the festival was held with highly revered personalities gracing the occasion. Mr. H. L. Bajaj, Former Director of IEEE R10, was the esteemed chief guest accompanied by Mr. P. V. Ekande, immediate past chair of IEEE Delhi Section as the Guest of Honor. The Dean of Faculty of Engineering and Technology, Prof. Syed Sikander Nabi along with Prof. Mini. S. Thomas, Branch Counselor IEEE-JMI and faculty members also graced the ceremony with their presence.

The address by the Chief Guest and Dean had lasting imprint on the audience. The ceremony also saw the launch of the annual magazine of IEEE-JMI “ENCORE” and the re-launch of the Branch website.

The first day of the fest, on the 16th August started off on a high note with ENIAC–2, the Pre-designed Software contest which had students from far and near showcasing their extra-ordinary intellect through software designed by them from scratch. The lucidity of the complex software demonstrated the talent and aptitude of all the contestants.

ENCOPINION, the two hour Hindi Debate saw students exchanging their views prodigiously on the topic “Ahimsa

ke liye Himssa”. Their oracle skills and confidence on the dais left everyone, including the judges amazed.



ENCOLYMPICS - The Network Gaming Contest was one of the most awaited events of the tech fest and true to its hype, it lived up to the anticipation of all the participants. The students had a gala time contesting and fighting it out in the virtual world of computers.

Along with the technical events, we had a number of cultural events to pep up the fun factor of the fest. “**Bullz and Bears**” and “**Junkyard**” had the participants testing their stock market instinct and resourcefulness respectively.

The ceremony was followed by a Dramatics show in the auditorium where students exhibited their artistic talents and bringing the closure of Day 1 of the magnanimous fest.

#### Day 2

The second day of Encomium 2008, on the 17th of August started with the simultaneous commencement of two events, Rationale, the Technical Paper Presentation contest and Encopinion, the English debate. An exhibition of immense talent and scientific capabilities were witnessed at Rationale. There could have been no better platform for acknowledging and appreciating the upcoming research oriented minds in the nation other than Rationale – the technical paper presentation contest. Papers dealing with all areas of research were successfully presented. Three extremely deserving papers on “Wikipedia bilingual translation, empowerment of Health care using Wi-Fi and IMATE (a device for enhancing walking for the visually impaired) were rewarded by esteemed judges from the respective fields.

In **Encopinion**, while the participating teams debated and discussed the consequences of the latest civil nuclear deal in the auditorium, even the audience got involved in the heated discussions, interrogating the contestants and presenting their views. Teams from all over Delhi made the event interesting and conclusive.

At same time, numerous interesting events like Enmetier (the business plan), Eniac1 (On the spot C/C++ programming) began. The semi finals and finals of the network gaming also commenced.

“**Endeavor**”, the budding engineers’ science project is an event that provides platform to the school students to display their science projects and portray their talents. We had a number of teams from various schools competing. The exhibition rendered the fest a pleasant touch and also added the much necessary instinct of interest in the visitors.

The most colorful event of the fest, “**Encephalia**”, the robotics contest received participation from all parts of the nation. The arena was full of people, excited, rejoicing as well as disappointed faces. It was a challenge to the teams for exhibiting their intellect in the field of techno-freaks.

**Envisage** (8085 Programming Contest) put the skills of the participants to test. This event had two rounds of extensive programming. **Entelechy**, the on the spot hardware-software simulation contest was a written test that examined the contestants for deep knowledge of the subject. The general quiz “**Enigma**” was really appreciated by everyone.

The informal events like the ad-mad show, treasure hunt, “futsal” (5 on 5 football match) and “who dares wins” (a real test of guts on stage) kept the momentum of the fest going. These events constituted the backbone of the fest as they proved to be entertaining and worthwhile. Owing to these events, the fun factor of Encomium never subsided.



The closing ceremony of Encomium included the announcement of results, the prize distribution ceremony and an interactive session with participants from all over the country. We welcomed their comments, and received both, appreciations as well as complaints. It was indeed an enriching and useful session which made us feel proud of our successes, and also gave us scope to amend our mistakes, and make the next Encomium even better. This extravaganza concluded with a pompous rock concert attended by a large audience.

**Report received via Mini Thomas  
R10 SAC**

-----  
**ISTAR IEEE Student Branch, Gujarat, India**

**ONE DAY SYMPOSIUM ON NETBEANS**

IEEE Institute of Science and Technology for Advanced Studies and Research (ISTAR) Student Branch in association with Sun Microsystems organized a one day symposium on NetBeans - Java Technology. The symposium was held at the Auditorium, GCET Engineering College, Vallabh Vidya Nagar, Gujarat, India on Wednesday, 17th September 2008. The response was overwhelming and 263 delegates from the different Engineering, MCA, MSc (Information Science) and BCA colleges/universities and some representatives from IT Company registered and attended the event.

The event was aimed to provide all the delegates an opportunity to know about NetBeans which can be used for enterprise, desktop and mobile applications. The event was

conducted in 4 sessions, two in the morning and two in the afternoon.



Sitting from left: Mr. Amol Desai, Mr. Abhishek Mahanty, Prof. G. R. Kaundinya, Dr. O. S. Shrivastava, Dr. S. V. Vaishnav, Mr. Nirbhay Chaubey and Mr. Hardik Trivedi

Dr. S. V. Vaishnav, Joint Secretary, Charutar Vidya Mandal was the chief guest of the function; he inaugurated the event by lighting the lamp. Prof. G. R. Kaundinya, Director, ISTAR, V. V. Nagar welcomed the chief guest, speakers and participants. Dr. O. S. Srivastava, Head of Computer Science, ISTAR, briefed about the symposium. Ms. Darshna Raghani, Chair, IEEE ISTAR Student Branch welcomed all the dignitaries with bouquets of flowers.

The inaugural ceremony was followed by the first technical session by Mr. Abhishek Mahanty, a member of Architecture Solutions team at Sun Microsystems on the topic of Overview of NetBeans, desktop GUI applications (Using Swing), J2ME, and demonstrated one Midlet example using UML. He also briefed about Architecture and Design of UML using NetBeans, developed and showed a few applications for JavaEE and JavaME. He further elucidated about EJB and Sessions beans with an examples using NetBeans. The session was a very informative one and had a very good interactive session.

In the second session, Mr. Amol Desai, a Software Engineer working for Architecture Solutions team at Sun Microsystems talked on the topic Java Server Faces (JSF), he explained differences between Struts and JSF and demonstrated some examples using NetBeans, which was again followed by an interesting discussion.

After lunch, the third session started by Mr. Amol Desai and he continued his session on JSF and covered several things related to these domains JSP, Servlet, Ajax etc. He explained the JAVA FX Pad and how to build Rich Internet Application (RIA) for more graphics and good looking site using NetBeans.

The fourth and the last session was conducted by Mr. Abhishek Mahanty. He talked and demonstrated Multithreading applications, its profiler and Troubleshooting - common problems related to memory/JVM etc. in NetBeans.

At the end, Mr. Hardik Trivedi, Vice Chair, IEEE ISTAR Student Branch gave a talk about the IEEE worldwide and membership benefits. H emphasized that IEEE is a good platform for the students to learn organizational and career oriented things.

In the evening, Ms. Darshan Raghani, Chair, IEEE ISTAR Student Branch thanked the gathering at the concluding session.

**Nirbhay Chaubey**  
**Counselor, IEEE ISTAR Student Branch (Code-65201)**  
**Vallabh Vidyanagar, Gujarat, India**  
**E-mail: [nirbhav@ieee.org](mailto:nirbhav@ieee.org)**

-----  
**VEC IEEE Student Branch, Chennai, India**

**VELAMMAL ENGINEERING COLLEGE IEEE SB**  
**ROCKS WITH SURGE**

Velammal Engineering College rocked out with an Electrical Surge on 27th August, 2008 when the young, vibrant and prospective Engineers of the Department of Electrical and Electronics Engineering in association with VEC IEEE Student Branch triggered up the National Level Technical Symposium – **SURGE 2K8 – Thunderstorms Assured.**



The Technical Extravaganza geared up with an inauguration which was honoured by the presence of Mr. B. V. S. Krishnamurthy, Head R&D, Alcatel Lucent Development India who officially inaugurated the festival and delivered the inaugural address. The function was presided over by Dr. J. Shanmugam, Principal, VEC. Prof. Narayana Bhaskar, HOD/EEE, Mr. K. Suresh Kumar, Symposium Convener. Mr. M. S. Barnabas, Chair, VEC IEEE Student Branch accompanied the guests on stage. The Special Edition of TECHNOCRATS, the official in-house bulletin of VEC IEEE Student Branch was also released on the auspices of the occasion. (Visit [www.vec-technocrats.co.cc](http://www.vec-technocrats.co.cc) for online issue).

A total of 250 Students with representation from more than 40 Colleges in around the State of Tamilnadu participated in the various events organized. 15 Technical Papers were presented and they were evaluated by Distinguished Technical Experts Dr. P. Rangarajan, Professor & Head, Dept. of IT, RMD Engineering College, Dr. V. Kamaraj, Prof./EEE, SSN College of Engineering, Dr. P. Chidambaram, Prof./EEE, Velammal Engineering College, Chennai.

Innovative Projects were displayed by 26 teams from various colleges and 13 in-house teams. Best projects from both external colleges and in-house teams were selected.

To test the skills of delegates, other technical events such as Circuit Modelling, 3D InnoSketch, Quiz and AdZap were also conducted.

The Grand Technical Festival reached its tail end with a Valedictory Function. Mr. K. S. Kirthivasan, AGM

(Engg.)/BHEL RPT was the Guest of Honor who delivered the valedictory address. The function was presided over by Dr. Sheila Haran, Vice Principal & Student Branch Counselor, VEC and Prof. P. Narayana Bhaskar, HOD/EEE. Cash Prizes worth Rs. 25,000/- and Merit Certificates were awarded to the Winners of various events. Mr. M. Karthick, General Secretary, Velammal Electrical and Electronics Engineers' Student Association (VEESA) delivered the vote of thanks.

**M. S. Barnabas**  
**Chair, VEC IEEE Student Branch (60661)**  
**Vice Chair, IEEE R10 GINI, Madras Section**

-----  
**IEEE-NUCES Student Branch, Karachi**

**“IEEE FOR ALL” – A Membership Orientation**

IEEE-NUCES (Karachi) Student Branch organized an orientation session on the request of several Student Branches in Karachi, Pakistan. The theme for the event was "IEEE FOR ALL".

Along with the participation of IEEE-NUCES other Student Branches in the IEEE Karachi Section were also invited. They included:

- Mehran University of Engineering and Technology (MUET)
- Pakistan Naval Engineering College (PNEC)
- Hamdard Institute of Information Technology (HIIT)
- Pakistan Air force – Karachi Institute of Engineering and Technology (PAF-KIET)

The seminar started with a welcome note by the Director FAST-NUCES, Dr. Zubair A. Sheikh. He highlighted the importance of IEEE in research and professional networking. He expressed his happiness in the success of IEEE-NUCES (Karachi) over the several feasts that the student body has achieved over the years. The Student Activities Committee (SAC) Chair, Mr. Shahab Siddique also attended the seminar.



This was followed by a presentation on IEEE's structure and organization by IEEE-NUCES Vice-Chair, Arsalan Tariq Mir. Participants were informed about vision, mission and organizational overview of IEEE.

General Secretary and GINI representative, Ravender Bhojwani gave a presentation entitled "WHY JOIN IEEE". He informed the participants in detailed about the membership benefits of IEEE with justification of student membership fees. A Question & Answer session was followed.

A report on the success of IEEE-NUCES Karachi Student Branch was presented by Syed Ammar Faheem, Chair IEEE-NUCES Karachi. It was a detailed report on the operation of IEEE-NUCES (Karachi) Student Branch, its activities and competitions for students and participation in the other IEEE activities in the country and in the region. The purpose was to highlight key areas and organizational strategy followed by IEEE-NUCES (Karachi) that has ensured consistent success in terms of members and events organized by the Student Branch.



IEEE-NUCES Excom Members with MUET Faculty

In the second half of the session, a workshop was conducted for the students and faculty of MUET. As MUET was in the phase of reactivation of their Student Branch, the workshop focused on the administration of the Student Branch. Participants were given details on what is a Student Branch, how to start a Student Branch, Branch executive committee and its elections, duties of the officers and responsibilities of the Branch counselor and mentor. Other highlights of the workshop were importance of documentations and annual reporting.

The session was concluded by the SB Counselor for IEEE-NUCES (Karachi), Madam Hasina Khatoun. She emphasized the role of volunteerism in effective administration of the Student Branch and wished all the participants success to achieve it.

**Arsalan Tariq Mir**  
**Vice-Chair, IEEE-NUCES (Karachi)**



**R10 Student Branches List**

<http://www.ieee.org/web/membership/students/branchlists/R10.html>

**IEEE Student Branch GCUF, Pakistan**

**Pakistan Student Congress & IEEE TechFair 2008**

On 16 – 17 August 2008 IEEE Student Branch at Government College University Faisalabad (GCUF) organized two parallel events; IEEE Pakistan Students Congress 2008 and IEEE TechFair 2008.

**Pakistan Student Congress 2008**

IEEE Pakistan Student Congress (PSC) is an annual gathering of IEEE student members and student representatives from all the IEEE Student Branches and professionals of Pakistan. The Pakistan Student Congress was initiated in 2007 by IEEE NUCES Karachi.

The Second Pakistan Student Congress was organized by Government College University Faisalabad (GCUF) on 16 – 18 August, 2008 by IEEE GCUF in collaboration with IEEE Lahore Section and Higher Education Commission (HEC). The theme of the Congress was “IEEE for all; Inspiring Future Leaders”. The PSC 2008 program encompassed invited IEEE speakers, a panel discussion on the topic “Technology Challenges for Pakistan”, training sessions and fun filled activities.

The prime purpose of PSC 2008 was to bring representatives of all IEEE Student Branches in Pakistan and inculcate the idea of community and sharing of knowledge of issues pertaining to IEEE. In this Congress the representative of the universities which currently don’t have IEEE Student Branch but wish to have one were also invited to participate and learn the benefits of IEEE.



The event began with an opening ceremony held on the morning of 16<sup>th</sup> August and the honourable Chief Guest Dr. Saleem ur Rehman, Vice Chancellor Sarhad University addressed the gathering. Dr. Shafay Shamail, Vice Chair IEEE Lahore Section, expressing his views about IEEE GCUF said “IEEE GCUF is the youngest, largest and hyperactive Student Branch of Lahore Section”. Dr. Arif Ali Zaidi, Vice Chancellor Government University Faisalabad congratulated the students of GCUF for their determined efforts to organize these events. He formally welcomed the participants and guests. Mr. Nauman Saeed, Chair IEEE GOLD Lahore Section, was also among the distinguished guests at the opening ceremony.

The proceeding of PSC 2008 started with an ice breaking activity where the representatives from Student Branches introduced themselves. There were about 56 student

volunteers from 14 different Student Branches. Out of 30 Student Branches 14 were present at PSC 2008.



After lunch break Dr. Shahab Siddique, Chair Student Activity Committee Karachi Section, delivered a presentation on “Importance of Volunteerism”. In this presentation he discussed the characteristics of good volunteers and mentioned some of the known volunteer in Karachi Section. He also talked about the history of IEEE Karachi Section. Dr. Shafay Shamail, Vice Chair IEEE Lahore Section, conducted training session about how to run a Student Branch, the importance of proper reporting and the duties of office bearers. He highlighted the important points that office bearers should keep in mind. Dr. Tariq Jadoon, Chair IEEE Communication Society Lahore Section, introduced the ComSoc and mentioned the International Networking and Communication Conference (INCC 2008).

After dinner a fun a night was arranged for the delegates. This fun evening included stage shows, silent mimes, Kathak and Peacock dances, songs and funny plays. All the delegates enjoyed fun evening a lot.



On the second day, the representatives from following Student Branches made presentation about their activities:

1. NED University of Engineering and Technology, Karachi
2. Government College University, Faisalabad
3. Ghulam Ishaq Khan Institute, Topi
4. Hamdard Institute of Information Technology, Karachi
5. FAST NU Karachi
6. Pakistan Navy Engineering College, Karachi

7. FAST NU Lahore
8. National University of Science and Technology, Islamabad

After the Branch presentations, WIE affinity groups of Pakistan made presentations about their activities and future plans to promote WIE in Pakistan. A total of 14 females participated in PSC 2008. Mariam Naseem, Chair Pakistan WIE Congress, presented the activities organized by WIE GCUF.



Mr. Nauman Saeed, Chair GOLD Lahore Section, introduced GOLD with an activity. All the participants were divided into 7 different groups and each group was asked to prepare an innovative idea or activity in 15 minutes. After the break all the groups presented their ideas. Later Nauman Saeed introduced GOLD with reference to that activity.

Another speaker Mr. Rafael Akbar Chauhdary highlighted his working with IEEE at FAST NU, Lahore.

Mr. Om Parkash Batra, Regional Student Representative of Region 10, shared his experience from a student volunteer to RSR by the topic “IEEE for me”. Om also had a quick quiz game about IEEE with participants and awarded chocolates at the end.

Mr. Ravinder Lal, representative of Global Integrated Networking of IEEE student (GINI), informed the delegates that GINI is a five year project to integrate all IEEE R10 Student Branches. It works by sharing the resources between different Student Branches to activate dormant Student Branches.

IEEE TechFair 2008 was a parallel activity of PSC 2008. A visit to IEEE TechFair 2008 was arranged for the delegates. IEEE TechFair 2008 includes 11 different competitions, exhibitions and seminars. Efforts of IEEE GCUF were appreciated by all the delegates of PSC 2008 to arrange such an event with diversity of competitions.

The delegates assembled after lunch for a technical discussion on the topic of “Technology Challenges for Pakistan”. The panel for this discussion was:

1. Om Parkash Batra, RSR Region 10
2. Nauman Saeed Anwar, Chair GOLD Lahore Section
3. Hafiz Aqeel, Government College University Faisalabad
4. Osaid Khalid, National University of Science and Technology
5. Lubna Mir, Fatima Jinnah University Rawalpindi
6. Rafael Akbar Chauhdary, National University Lahore
7. Abdul Hannan Khan, Ghulam Ishaq Khan Institute

8. Hira Wajahat, NED University of Engineering and Technology Karachi

After the technical discussion delegates assembled for the closing ceremony of PSC 2008 and IEEE TechFair 2008. After distribution of shields and certificates to winners of IEEE TechFair, concluding remarks were given by Dr. Arif Ali Zaidi, Vice Chancellor GCUF, Prof. Afzal Sipra, Director Division of Engineering and CS. Amir Zahoor, Chair PSC 2008, showed his gratitude to the participants and especially to Syed Zeeshan Haider, Counselor IEEE GCUF for his helped and encouragement during the preparation of these mammoth events. Amir Zahoor congratulated the organizing team. Prof. Afzal Sipra, Director Division of Engineering & Computer Science of GCUF, addressed the delegates and thanked them for attending the PSC 2008 and making this a successful event. He also presented souvenirs to speakers and honourable guests. Om Perakash Batra, RSR Region 10, also congratulated the organizing team to arrange the two successful events. Mr. Om Perakash Batra presented certificates to delegates and shields to executive committee of PSC 2008. A memento was presented to Om Perakash Batra by Yasir Munir, Past Chair of IEEE GCUF.



PSC 2008 Delegates

### IEEE TechFair 2008

The first national level IEEE TechFair 2008 drew over 350 participants from across Pakistan. Despite the intense hot weather on the weekend, thousands of visitors also turned out to see the exhibits and follow the progress of the competitions.

This was for the first time in the history of Faisalabad that this type of Technology Fair was organized in professional compartment.

The event started with an opening ceremony held on the morning of 16th. Speeches were made by the distinguished Chief Guest Dr. Saleem ur Rehman, VC Sarhad University, Dr. Shafay Shamail, Vice Chair IEEE Lahore Section, and Dr. Tariq Jadoon, Chairperson Communication Society Lahore Section and honourable Dr. Arif Ali Zaidi, Vice Chancellor Government College University Faisalabad who formally inaugurated the proceedings. The ceremony was attended by all the participants in IEEE TechFair 2008 as well as sponsors and guests. After the opening ceremony, all the competitions and exhibitions of IEEE TechFair 2008 truly began. Though exhibitions of IEEE TechFair, such as software enclosure, cellular enclosure, food court, brand expo and fine arts exhibitions remained open throughout the

duration of IEEE TechFair, competitions such as software project competition, engineering project competition and 2Xtreme were open for public viewing only when judging was not taking place. The TechFair 2008 program consisted technical seminars, exhibitions and competitions.

### Seminars

1. Wireless Communication by Prof. Tariq Jadoon (Lahore University of Management Sciences)
2. Next Generation Networks by Dr. Tanveer-ul-Haq (CTO, China Mobile)
3. Future of Telecom in Pakistan by Dr. Rizwan Tiwana (General Manager, Wateen Telecom)
4. Optimizing the Examination Process - An Operations Research Perspective by Dr. Saleem Rahman (Vice Chancellor, Sarhad University)

### Exhibitions

1. Engineering Project Exhibition
2. Software Project Exhibition
3. 2Xtreme (School Kids Project Exhibition)
4. Cellular Enclosure
5. Software Enclosure
6. Fine Arts Exhibitions
7. Brand Expo
8. Food Court
9. Fun Evening

### Engineering Project Exhibition: *Innovation with Commitment*

As the IEEE TechFair 2008 was very timely organized, the responses for entries were very encouraging from the participants as well as judges. A thoroughly cooled lab was reserved for engineering project exhibition. Participant enjoyed a lot during the display of projects which was made known by the worthy comments of participants at the end.

Members of winning team of Engineering Project Exhibition were: Asrar Mehboob, Ehsan Elahi and Hafiz Irfan Qalamkar from NFC Faisalabad.

### Software Project Exhibition - *Inspiring the World*

Keeping in mind the need of Time, IEEE TechFair included Software Project exhibition which drew a bulk of entries from all over Pakistan. The projects displayed at the exhibition showed the endowment of Pakistani student to their country.

Winner of the Software Project Exhibition was: Usman Ali from the International Islamic University Islamabad.



### **μ-Com - Microcontroller Interfacing Competition:**

This competition aimed to enhance the hardware and software interfacing, programming and its implementation with the real world application.

Winners of the micro controller interfacing competition were: Qasim Ayyaz Khan and Akif Usman from NU FAST Lahore

### **King Kodra - Dynamic Programming Competition**

The competition allowed three university students (belonging to same institution) to try to solve five real world complex problems within a time limit. Participants from different institutes competed against the time constraint in a battle of logic, strategy and mental endurance. King Codra was done with the collaboration of ACM Chapter NUCES Lahore. Without them it was not achievable to conduct dynamic programming competition.

Winner of King Codra were: Qasim Ayyaz Khan and Akif Usman from FAST-NU Lahore.

### **Battle on Board - Circuit Designing Competition**

Circuit Designing Competition encouraged the participants to think analytically, wisely and on their feet. Circuit designing is the vision of hardware implementation. In this competition the teams who participated had great time.

Winners of Circuit Designing Competition were: Ahsan Ealhi, Zahoor Ahmad, Awais Anjum from NFC Faisalabad

### **Cyber War - Software Quiz Competition**

Cyber War was an event of nerves and composure. All the warriors were equipped with the best knowledge of emerging computer science. Although the numbers of participants were not so heartening but the warriors who had the knowledge of mentioned courses were the winners.

Winners of Cyber War were: Ayesha Manzoor, Nosheen Naz and Rana Khurram Shahzad from Government College University Faisalabad

### **E-WAR - Engineering Quiz Competition**

E WAR was an interactive Electrical Engineering quiz competition. All the warriors were looking in a roller coaster during competition. After contending against TABAHI courses warriors showed their brainstorming skills and perception by the kinesics in DUMB CHARADE round.

Winners of E WAR were: Mudasar Javid, Zubair Akhtar, and Syed Bahadur Ali from FAST NU Lahore

### **Multimedia Competition - Virtual Reality**

This competition shows the skill of capturing events and highlighting them in such a way to make them from dull to bright and boring to amazing. The competition shows the strong observation, creativity and innovation of challengers.

Winner of Multimedia Competition was Waqar Ahmad Malik of National College of Arts Lahore

### **β-Plan - Business Plan Idea Competition**

This competition was an attempt to instill in students, the importance of technology and entrepreneurial capabilities. The student teams from various universities formulated business plans based on market opportunities and technologies from preparing a substantial business plan for business start-ups and multinational companies. Four teams

were selected from KNOCKOUT round and then winner from DEFENCE round.

Winners of β-Plan were: M.Wasim Asghar, Ahsan Azhar, and Ayesha Batool from Government College University Faisalabad

### **Case Simulation: Business Case Study**

Case simulation was a competition to apply and extract management sciences principles and concepts from given case study. Different cases were given to all teams and they were given 90 minutes to work out and then defend their solution in 30 minutes.

Winners of Case Simulation were: Beenish Qamar and Azha and Maryam from Government College University Faisalabad

### **2Xtreme: Stunning Minds (School Kids Project Competition)**

Children are the future of the nation. To secure our future we have to enhance their capabilities. 2Xtreme was the competition to encourage the technical skills of children. Children came with their talented ideas about technology. The children who participated had wonderful ideas about new era technology which may be implemented in future. There were three categories of children (1) KG to Class 4, (2) Class 5 to 8 and (3) Class 9 to 12.

Winner of 2Xtreme for 1st category was M. Rehman from The City School Faisalabad

Winners of 2Xtreme for the 2nd category were Gulam Mustafa Waheed, Tayyab Memood from FGCG School Islamabad

Winner of 2Xtreme for the 3rd category was: M. Azher Tahir from KIPS College Lahore.

### **Gamster - Gaming Competition**

Gaming competition drew a huge crowd of spectator as well as the participants. The computer lab dedicated to gaming competition was not sufficient to accommodate all the participants at a time. To entertain the participants comfortably all of them were took to Pitch Black (Gaming Zone).

Gamster Game	Winning Team (Institute)
FIFA	Tahir (FAST NU Lahore) Wasim (Air University Islamabad)
Counter Strike	Waleed (FAST NU Lahore)
DOTA	Shahid, Tahir Mushtaq, Faizan, Arslan Bhalli, Qasim (FAST NU Lahore)

The closing ceremony of the event was organized after the lunch in the Tennis Ground of GCU Faisalabad. Chief Guest for the closing ceremony was Dr. Arif Ali Zaidi, Vice Chancellor GCU Faisalabad, with the distinguished guests Engr. Afzal Sipra, Director Division of Engineering and Computer Science, and Mr. Amir Zahoor, Chair IEEE GCUF and Chair IEEE PSC 2008.

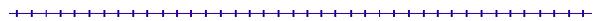
In closing ceremony all the winners were awarded shields and certificates by Chief Guest. Shields were also presented to our valued sponsors. At the end Engr. Afzal Sipra and

Mr. Amir Zahoor congratulated all the winners and thanked all the participants for their participation and making this event a huge success. Amir Zahoor also appreciated the combined efforts made by organizing student body and teachers for arranging such a memorable event.



PSC 2008 Organising Committee

**Saad Zafar Khan**  
**Secretary, IEEE SB GCUF and IEEE Pakistan Student Congress 2008**  
**Member GINI Pakistan ExCom**



### Student Submissions Sought for President's Competition

Attention student members: There's still time to enter the IEEE President's Change the World competition, being held in conjunction with the IEEE's 125th anniversary celebrations next year. Individuals or teams can submit projects that apply engineering, science, computing, and leadership skills to solve real-world problems. Submissions are being accepted until 28 February. Entry forms are at

<http://bmsmail3.ieee.org:80/u/13703/03474392>

To learn about the contest and other anniversary activities; view and upload videos, photos, and congratulatory messages; add to the calendar of anniversary events; and find tools to help you organize your own celebration, visit

<http://bmsmail3.ieee.org:80/u/13704/03474392>

### Want to Organise an IEEE Conference?

If your Section wants to organise a conference and you would like to know about the processes by which IEEE conference business is conducted, please visit:

<http://www.ieee.org/web/conferences/organizers/index.html>

### Upcoming IEEE Conferences in Region 10

<http://www.ewh.ieee.org/reg/10/conferences/Conferences-in-R10.htm>

#### 2009 IEEE International Advance Computing Conference (IACC 2009) 06 - 07 Mar 2009

Conference Location: Patiala, India

Sponsored by: Delhi Section, Delhi Section C Chapter, Delhi Section, Student Branch, Thapar University

Abstract Submission Deadline: 30 Dec 2008

Final Paper Submission Deadline: 30 Jan 2009

<http://iacc.co.in>

#### 2009 Third International Conference on Electrical Engineering (ICEE) 09 - 11 Apr 2009

Conference Location: Lahore, Pakistan

Sponsored by: Lahore Section

Abstract Submission Deadline: 26 Dec 2008

Final Paper Submission Deadline: 01 Mar 2009

<http://www.uet.edu.pk/icee2009/index.htm>

#### 2009 IEEE International Workshop on Imaging Systems and Techniques (IST) 11 - 12 May 2009

Conference Location: Shenzhen, China

Sponsored by: Instrumentation and Measurement Society – IM

Abstract Submission Deadline: 15 Jan 2009

Final Paper Submission Deadline: 30 Mar 2009

<http://www.ist.ieee-ims.org/>

#### 2009 IEEE 13th International Symposium on Consumer Electronics - (ISCE 2009) 25 - 28 May 2009

Conference Location: Kyoto, Japan

Sponsored by: Consumer Electronics Society - CE, Japan Council CE Chapter

Abstract Submission Deadline: 19 Dec 2008

Final Paper Submission Deadline: 03 Apr 2009

<http://www.isce2009.ryukoku.ac.jp>

#### 2009 13th International Workshop on Computational Electronics (IWCE-13) 27 - 29 May 2009

Conference Location: Beijing, China

Sponsored by: Electron Devices Society – ED

Abstract Submission Deadline: 15 Jan 2009

Final Paper Submission Deadline: 15 Apr 2009

<http://www.iwce.org/>

#### 2009 IEEE International Interconnect Technology Conference - IITC 01 - 03 Jun 2009

Conference Location: Sapporo, Japan

Sponsored by: Electron Devices Society – ED

Abstract Submission Deadline: 19 Jan 2009

Final Paper Submission Deadline: 19 Jan 2009

<http://www.ieee.org/conference/iitc>

#### 2009 6th International Conference on Service Systems and Service Management (ICSSSM 2009) 13 - 15 Jun 2009

Conference Location: Xiamen, China

Sponsored by: Systems, Man, and Cybernetics Society – SMC

Abstract Submission Deadline: 15 Jan 2009

Final Paper Submission Deadline: 05 Apr 2009

<http://sm2.xmu.edu.cn/icsssm09/>

**2009 Symposium on VLSI Technology  
16 - 18 Jun 2009**

Conference Location: Kyoto, Japan  
Sponsored by: Electron Devices Society – ED  
Abstract Submission Deadline: 14 Jan 2009  
Final Paper Submission Deadline: 01 Feb 2009  
<http://www.vlssymposium.org>

**2009 Symposium on VLSI Circuits  
17 - 19 Jun 2009**

Conference Location: Kyoto, Japan  
Sponsored by: Solid-State Circuits Society – SSC  
Abstract Submission Deadline: 14 Jan 2009  
Final Paper Submission Deadline: 01 Feb 2009  
<http://www.vlssymposium.org>

**2009 IEEE 11th International Conference on  
Rehabilitation Robotics: Reaching Users & the  
Community (ICORR 2009) 23 - 26 Jun 2009**

Conference Location: Kyoto, Japan  
Sponsored by: Engineering in Medicine and Biology  
Society - EMB, Robotics and Automation Society – RA  
Abstract Submission Deadline: 31 Jan 2009  
Final Paper Submission Deadline: 25 Apr 2009  
<http://icorr2009.org/>

**2009 IEEE International Symposium on Information  
Theory - ISIT 28 Jun - 03 Jul 2009**

Conference Location: Seoul, Korea (South)  
Sponsored by: Information Theory Society – IT  
Abstract Submission Deadline: 07 Jan 2009  
<http://www.isit2009.info/>

**2009 IEEE International Symposium on Industrial  
Electronics (ISIE 2009) 05 - 08 Jul 2009**

Conference Location: Seoul, Korea  
Sponsored by: Industrial Electronics Society – IE  
Abstract Submission Deadline: 28 Feb 2009  
Final Paper Submission Deadline: 30 Apr 2009  
<http://www.isie2009.org/>

**2009 The Multiconference on "Computational  
Engineering in Systems Applications" (CESA)  
06 - 08 Jul 2009**

Conference Location: Seoul, Korea (South)  
Sponsored by: Systems, Man, and Cybernetics Society -  
SMC  
Abstract Submission Deadline: 01 Mar 2009  
Final Paper Submission Deadline: 15 May 2009  
<http://cesa2009.ec-lille.fr/>

**2009 Conference on Innovative Technologies in  
Intelligent Systems and Industrial Applications  
(CITISIA) 25 - 26 Jul 2009**

Conference Location: Kuala Lumpur, Malaysia  
Sponsored by: Malaysia Section, Student Branch at Monash  
Univ Sunway Campus  
Abstract Submission Deadline: 01 Apr 2009  
Final Paper Submission Deadline: 20 Jun 2009  
<http://www.ieee-citisia.org>

**2009 4th World Congress on Bio engineering (WACBE)  
26 - 29 Jul 2009**

Conference Location: Hong Kong, China  
Sponsored by: Engineering in Medicine and Biology  
Society – EMB  
Abstract Submission Deadline: 31 Jan 2009  
<http://www.polyu.edu.hk/hti/wacbe2009>

**2009 IEEE International Conference on Automation  
Science and Engineering (CASE 2009)  
22 - 25 Aug 2009**

Conference Location: Bangalore, India  
Sponsored by: Robotics and Automation Society – RA  
Abstract Submission Deadline: 01 Feb 2009  
Final Paper Submission Deadline: 30 May 2009  
<http://www.ieee-case.org>

**2009 9th IFAC International Symposium on Robot  
Control (SYROCO 2009) 09 - 12 Sep 2009**

Conference Location: Gifu, Japan  
Sponsored by: Industrial Electronics Society - IE, Robotics  
and Automation Society – RA  
Abstract Submission Deadline: 01 Feb 2009  
Final Paper Submission Deadline: 15 Jun 2009  
<http://www.syroco2009.org>

**INTELEC 2009 - 2009 International  
Telecommunications Energy Conference 18 - 22 Oct  
2009**

Conference Location: Incheon, Korea (South)  
Sponsored by: Power Electronics Society – PEL  
Abstract Submission Deadline: 31 Jan 2009  
Final Paper Submission Deadline: 30 Jun 2009  
<http://www.intelec2009.com>

**2009 IEEE Sensors, 25 - 28 Oct 2009**

Conference Location: Christchurch, New Zealand  
Sponsored by: Sensors Council – SEN  
Abstract Submission Deadline: 31 Mar 2009  
Final Paper Submission Deadline: 11 Jul 2009  
<http://ieeesensors2009.massey.ac.nz/>

**2009 International Conference on Power Electronics and  
Drive Systems (PEDS 2009)  
02 - 05 Nov 2009**

Conference Location: Taipei, Taiwan  
Sponsored by: Industry Applications Society - IA, Power  
Electronics Society - PEL, Singapore Section IA/PEL Joint  
Chapter, Taipei Section IE/PEL Joint Chapter  
Abstract Submission Deadline: 10 Apr 2009  
Final Paper Submission Deadline: 14 Aug 2009  
<http://www.peds09.ntust.edu.tw>

**2009 Fifth International Conference on Intelligent  
Sensors, Sensor Networks and Information Processing  
(ISSNIP) 07 - 10 Dec 2009**

Conference Location: Melbourne, Australia  
Sponsored by: Sensors Council – SEN  
Abstract Submission Deadline: 31 Jul 2009  
Final Paper Submission Deadline: 30 Sep 2009  
<http://www.issnip.org/2009/>

**2009 Asia Pacific Microwave Conference - (APMC 2009)  
07 - 10 Dec 2009**

Conference Location: Singapore, Singapore  
Sponsored by: Antennas and Propagation Society - AP,  
Microwave Theory and Techniques Society - MTT,

Singapore Section, Singapore Section AP/MTT/EMC Joint Chapter, Singapore Section EMC Chapter  
Abstract Submission Deadline: 19 Jun 2009  
Final Paper Submission Deadline: 25 Sep 2009  
<http://www.apmc2009.org/>

**2010 3rd International Nanoelectronics Conference (INEC) 03 - 08 Jan 2010**

Conference Location: Hong Kong, China  
Sponsored by: Electron Devices Society – ED  
Abstract Submission Deadline: 15 Jul 2009  
Final Paper Submission Deadline: 31 Dec 2009  
<http://www.cityu.edu.hk/ieeeneec>

**2009 Joint 48th IEEE Conference on Decision and Control (CDC) and 28th Chinese Control Conference (CCC) 15 - 18 Dec 2009**

Conference Location: Shanghai, China  
Sponsored by: Control Systems Society – CS  
Abstract Submission Deadline: 01 Feb 2009  
Final Paper Submission Deadline: 01 Sep 2009  
<http://people.bu.edu/johnb/ChinaCDC.html>

**2009 IEEE International Symposium on Circuit and Systems (ISCAS 2009)**

**Sponsored by IEEE Tainan Section, Taiwan**



The IEEE International Symposium on Circuits and Systems (ISCAS) is the world's premier networking forum of leading researchers in the highly active fields of theory, design and implementation of circuits and systems.

ISCAS 2009, sponsored by the IEEE Circuits and Systems Society and hosted by the National Cheng Kung University and IEEE Tainan Section, will be held in Taipei, Taiwan from 24 to 27 May 2009. The main theme of the ISCAS 2009 is "Circuit and System in Human Centric Smart Living Technologies". There will be several topics to thoroughly discuss the latest technical development such as mobile communications, multimedia systems, sensor interface, and biosystems.

The ISCAS 2009 will include oral and poster sessions, tutorials given by experts in state-of-the-art topics and special sessions, with the aim of complementing the regular program with topics of particular interest to the circuits and systems community that cut across and beyond disciplines traditionally represented at ISCAS. We shall have more than thousand outstanding domestic and overseas speakers and participants attending this conference. In order to vividly animate state of the art in the most exciting and emerging areas of research work within the broad areas of circuits and systems, the ISCAS 2009 technical program will innovatively incorporate a new track for live demonstrations. Prospective demonstrations could be either on work that has already been published or on research that is anticipated to be published concurrently in ISCAS this year.

Conference website: <http://www.iscas2009.org/>

**R10 Executive Committee 2008**

Regional Director: **Janina Mazierska**  
Email: [j.mazierska@ieee.org](mailto:j.mazierska@ieee.org)

Past Regional Director: **Seichi Takeuchi**  
Email: [s.takeuchi@ieee.org](mailto:s.takeuchi@ieee.org)

Director Elect (Vice Chair): **Yong Jin Park**  
Email: [park@hyuee.hanyang.ac.kr](mailto:park@hyuee.hanyang.ac.kr)

Secretary: **Marzuki Bin Khalid**  
Email: [marzuki@utmkl.utm.my](mailto:marzuki@utmkl.utm.my)

Treasurer: **Takatoshi Minami**  
Email: [r10-treasurer@ieee.org](mailto:r10-treasurer@ieee.org)

Section/Chapter Coordinator & Regional Chapter Coordinator: **Miki Yamamoto**  
Email: [yamamoto-m@ieee.org](mailto:yamamoto-m@ieee.org)

Educational Activities Coordinator: **Norman Mariunn**  
Email: [mariunn@ieee.org](mailto:mariunn@ieee.org)

Membership Development Coordinator: **Pingzhi Fan**  
Email: [p.fan@ieee.org](mailto:p.fan@ieee.org)

Regional Conference Coordinator: **Lawrence Wong Wai Choong**  
Email: [l.wong@ieee.org](mailto:l.wong@ieee.org)

Student Activities Coordinator: **Mini Shaji Thomas**  
Email: [mini@ieee.org](mailto:mini@ieee.org)

Technical Activities Coordinator: **Mahendra Shah**  
Email: [mmshah@ieee.org](mailto:mmshah@ieee.org)

Awards & Recognition Committee Chair: **Yat Wing Liu**  
Email: [ywliu@ieee.org](mailto:ywliu@ieee.org)

Women In Engineering Coordinator: **Ramalatha Marimuthu**  
Email: [ramalatha\\_marimuthu@yahoo.com](mailto:ramalatha_marimuthu@yahoo.com)

Life Member Coordinator: **Graeme Gwilliam**  
Email: [gb.gwilliam@ieee.org](mailto:gb.gwilliam@ieee.org)

Industry Liaison Coordinator: **Isao Shirakawa**  
Email: [sirakawa@hyogo.ac.jp](mailto:sirakawa@hyogo.ac.jp)

Electronic Communication Coordinator & Newsletter Editor: **Zia Ahmed**  
Email: [r10-ecm@ieee.org](mailto:r10-ecm@ieee.org)

Bylaws / Operations Manual Coordinator: **Akinori Nishihara**  
Email: [aki@cradle.titech.ac.jp](mailto:aki@cradle.titech.ac.jp)

Regional GOLD Coordinator: **Helene Fung Hoi-Ying**  
Email: [helenefung@yahoo.com.au](mailto:helenefung@yahoo.com.au)

Special Projector Coordinator: **Lance Fung Chun Che**  
Email: [lanceccfung@ieee.org](mailto:lanceccfung@ieee.org)

Advisory Committee:  
**Low Teck Seng** [tslow@rp.sg](mailto:tslow@rp.sg)  
**Jung Uck Seo** [juseo@ieee.org](mailto:juseo@ieee.org)

Student Representative: **Om Perakash Batra**  
Email: [opbatra2kn@gmail.com](mailto:opbatra2kn@gmail.com)

IEEE Asia Pacific Operations Centre: **Fanny Su**  
<http://www.ewh.ieee.org/ieee/apo/>  
Email: [ieee.apo@ieee.org](mailto:ieee.apo@ieee.org)