



## IEEE REGION 10 NEWSLETTER JULY 2003

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### 2002 R10 Outstanding Section Award - Bombay Section

It is my honour to announce **Bombay Section** as the winner of the 2002 R10 Outstanding Section Award. Bombay Section has done very well on all fronts in 2002, especially in membership development effort. This resulted in doubling the number of Student members from 2,339 at the end of 2001 to 5,854 at the end of 2002.

The 2002 R10 Outstanding Section Award Certificate will be presented to Bombay Section at the forthcoming R10 Committee Meeting. An additional representative, to be nominated by the Bombay Section Executive Committee, would attend the coming R10 Committee Meeting with travel expenses sponsored by R10.

The R10 Award Programs and the RAB Award Programs have been established to recognize the individual or collective efforts of the volunteers in promoting the interests of IEEE. It is one of our goals to promote the installation and expansion of Award Programs at the Section Level.

Please visit Award page at <http://ewh.ieee.org/ecc/r10/newRegion10/Region10Index.htm> for further information. Drop me a line should you need further information.

I thank Teck Seng Low and Trevor Bird, members of the R10 Award Committee for their help with adjudication of the award.

**Congratulation to Bombay Section!**

**Y. W. LIU (Mr.) R10 Award Committee Chair 2003**

## **REGION 10 OUTSTANDING SECTION AWARD 2001 AND OUTSTANDING VOLUNTEER AWARD 2002**

It is my honour and pleasure to announce the result of the 2001 R10 Outstanding Section Award and the 2002 R10 Outstanding Volunteer Award.

**Bangalore** Section is the winner of 2001 R10 Outstanding Section Award

The recipients of the 2002 R10 Outstanding Volunteer Award are: -

- **K Rajgopal of Bangalore Section**
- **S C Bhargave of Hyderabad Section**
- **N T Nair of Kerala Section**
- **B Poon of NSW Section.**

K Rajgopal of Bangalore Section – in recognition of his excellent volunteer services in the sustained membership growth and the student activities in Bangalore Section

Suresh C Bhargave of Hyderabad Section – in recognition of his excellent volunteer services in promotion of the educational and professional activities in Hyderabad Section

Thankappan Nair of Kerala Section – in recognition of his long and excellent volunteer services to Kerala Section and the promotion of IEEE in India starting the IEEE India Bulletin newsletter in India.

Bruce Poon of New South Wales Section – in recognition of his excellent volunteer services in NSW Section and the contribution to student activities.

Prof. K Rajgopal is invited to receive the Outstanding Volunteer Award Certificate at the Penang R10 Committee Meeting. For the other three winners, the Certificate will be sent to the respective Section Chairman for presentation during local activities.

Special thanks to members of the Award Committee, Teck Seng Low, Trevor Bird, Takeo Sugano and Bruce Turner, who helped to select the winners.

For more detail of the R10 Award, please check the R10 Web Award Page. Congratulations again to all the winners!

**Y. W. LIU (Mr.) R10 Award Committee Chair 2003**

### **\*\*\*\*\*Postponed Region 10 Annual Meeting - New Date \*\*\*\*\***

The Annual Region 10 meeting that had been deferred in April due to health concerns for section delegates has been rescheduled.

IEEE Region 10 Meeting, **10 – 11 October 2003** (Friday & Saturday), Shangri-La's Rasa Sayang Resort, Penang, Malaysia.

## IEEE R10 Website Contest 2003

### First Place:

Vivekanand Education Society's Institute of Technology (VESIT) [Bombay]

<http://www.vesit.edu/ieee/index.htm>

### Second Place

Universiti Teknologi Malaysia (UTM) [Malaysia]

<http://ewh.ieee.org/sb/malaysia/utm/>

### Third Place

Institute of Industrial Electronics Engineering (IIEE) [Karachi]

<http://www.ieee.org/iiee>

### Best New-Entry Award

Sri Jayachamarajendra College of Engineering (SJCE) [Bangalore]

<http://ewh.ieee.org/sb/sjce>

### Certificates of Merits (next Top 20%)

Muffakham Jah College of Engineering and Technology [Hyderabad]

National University of Singapore [Singapore]

The Chinese University of Hong Kong [Hong Kong]

University of Engineering and Technology Lahore [Lahore]

University of Melbourne [Victoria]

Usman Institute of Technology [Karachi]

More details can be found on the SAC website: <http://www.cairo.utm.my/r10students/>

**Marzuki Bin Khalid & Darrell Chong**

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## Report - S-PAC, Student Professional Awareness Conference, 18<sup>th</sup> February, 03 Muffakham Jah College of Engineering and Technology



Muffakham Jah College of Engineering and Technology (MJ CET) had a Student Professional Awareness Conference (S-PAC) on 18<sup>th</sup> February, 2003.

The IEEE Student Branch of MJ CET conducted the S-PAC as part of an IEEE student activity to increase the professional awareness among the students. The event began in the presence of Mr. M.R.K. Murthy (Head of the ECE Dept.), Mrs. Sultana Azeem (Branch Counselor), Mrs. Kaleem Fatima (Branch Guide) and lecturers from different streams of engineering. The event consisted of non-technical speeches pertaining to

career growth and future planning delivered by some of the renowned and eloquent speakers in the academic and teaching fields.

The guest speakers who were invited for the event were Prof. A.M. Govardhan (Rt. Head of English Dept., Osmania University, Hyderabad), Mrs. Jeeva Jeevan and Mrs. Sumana (Visu Consultants Ltd, Hyderabad) and Mrs. Bhandari (Institute of Management Studies, Hyderabad). The other guests who were invited for the event were Mr. Arun Jumpala (IEEE Hyderabad Section Chairman) and Prof. Syed Bahauddin (Principal, MJ CET).

The principle topics covered were;

- communication skills.
- preparing for competitive exams and winning resumes.
- orientation on group discussion and personal interviews.

The event started with a spell bound speech from our first guest speaker Prof. A.M. Govardhan. He spoke on the topic 'Communication Skills' focusing on the immense need to refine and improve one's basic communication abilities. He emphasized the differences between listening and hearing and the qualities that distinguished a good listener from a poor listener. He also discussed speaking skills and the methods for improving them.

The next guest speaker was Mrs. Jeeva Jeevan (Vice- President, Visu Consultants Ltd) Her topic of discussion was 'Preparing for Competitive Exams (like GRE, GMAT, TOEFL, IELTS) and winning resumes'. She focused on a very important topic of pursuing education in foreign countries and the ways of attempting various competitive exams like the GRE, GMAT, TOEFL, IELTS etc. that are taken up by many engineering students. She discussed the attitude and motivation required for facing these exams. The speaker repeatedly stressed the need to stay up-to-date. The quest for knowledge and right attitude required by a student was also highlighted during her speech. She also urged students to cultivate positive attitudes, learn self-discipline and consistency in one's approach towards attempting an exam.

The succeeding speaker was Mrs. Sumana (Visu Consultant Ltd), greatly enthused the audience with all the latest information needed before attempting an exam. Her information regarding the right choice of course in the masters program and the right institution was very helpful. She also discussed the method of applying to institutions and preparing a winning resume. She also discussed application for scholarships and financial assistance.

The concluding speaker was Mrs. Bhandari (Institute of Management Studies). She gave a mind-thundering orientation on facing Group Discussions and Personal Interviews.. She discussed the importance of presence of mind and confidence in such situations. She also spoke of methods or techniques involved in facing an otherwise nervous scenario like a Personal Interview with a sense of boldness and confidence.

The speech was followed by a prize distribution ceremony for the Group Discussion contest and Mrs. Bhandari presented cash prizes to the winners. It was then followed by a brief address by the Branch Guide Mrs. Kaleem Fatima who gave an invitation to the audience to join the IEEE and commit themselves in organizing similar events.

The guests and faculty members were thanked for encouraging the student branch in organizing an event like the S-PAC and providing assistance throughout this event. We are also greatly indebted to our fellow IEEE members for having worked as a team during this event.



**Aslam Javeed Khan**, S-PAC Chairman, IEEE  
Student Branch of MJCET

## SARS RECENT IMPACT ON REGION 10 CONFERENCES

Conferences in the Region 10 Asia Pacific have been strongly affected by SARS. Few conferences to take place in China and Singapore have been canceled and several have been rescheduled. There is a useful list of conferences with their updates on the IEEE Conference Search Web page under "Schedule Updates". Organizers of conferences that take place in our Region in the second half of the year need to have a plan how to deal with possible impacts from SARS such as paper submissions, number of conference attendees and budget

### LIST OF AFFECTED CONFERENCES IN REGION 10

- ICASSP 2003 - 2003 IEEE International Conference on Acoustics, Speech and Signal Processing  
Convention & Exhibition Center, Hong Kong, China , 06 Apr - 10 Apr 2003 **CANCELLED**
- 2003 6th Chinese Optoelectronics Symposium (COES)  
Hong Kong University of Science and Technology, Hong Kong, China 21 Apr - 23 Apr 2003 **POSTPONED**
- 2003 IEEE International Conference on Robotics and Automation  
The Grand Hotel, Taipei, Taiwan, Was 12 May - 17 May 2003 **RESCHEDULED**  
**NOW scheduled for 14 Sep - 19 Sep 2003**
- 2003 International Conference on Robotics, Intelligent Systems and Signal Processing (RISSP)  
International Exhibition & Convention Hotel, Hunan, China, Was 19 May - 24 May 2003 **RESCHEDULED**  
**NOW scheduled for 8 Oct - 13 Oct 2003**
- 2003 International Conference on Power Systems Transients (IPST)  
Hong Kong Polytechnic Univ., Hong Kong, China , Was 15 Jun - 19 Jun 2003 **RESCHEDULED**  
**NOW scheduled for 24 Aug - 28 Aug 2003**
- 2003 2nd IEEE/EMBS International Summer School on Medical Devices and Biosensors (ISSS-MDBS 2003)  
The Chinese University of Hong Kong, Hong Kong, China, 25 Jun - 01 Jul 2003 **CANCELLED**
- 2003 IEEE Information Theory Workshop, Hong Kong - ITWHK  
New World Renaissance Hotel, Hong Kong, China 06 Jul - 10 Jul 2003 **CANCELLED**
- 2003 10th International Symposium on Physical & Failure Analysis of ICs (IPFA 2003)  
Shangri-la Hotel, Singapore, Singapore, 07 Jul - 11 Jul 2003 **CANCELLED**
- 2003 8th Optoelectronics and Communications Conference (OECC)  
Shanghai Inter. Conv. Ctr., Shanghai, China, Was 08 Jul - 11 Jul 2003 **RESCHEDULED**  
**NOW scheduled for 28 Oct - 30 Oct 2003**
- 2003 IEEE 6th CAS Symposium on Emerging Technologies: Frontiers of Mobile and Wireless Communication  
Ocean Hotel, Shanghai, China, Was 15 Oct - 17 Oct 2003 **TO BE RESCHEDULED IN 2004**

Let us wish a more healthy time from now on.  
**Janina Mazierska** R10 Conference Coordinator

## NEWLY ELECTED IEEE 2003 FELLOWS - INSIGHTS

### IEEE TOKYO SECTION NEWLY ELECTED FELLOW CELEBRATION (23 in TOTAL)



Third row	1	2	3	4	5
	<b>K. Hotate</b>	<b>M. Miyake</b>	<b>O. Yamada</b>	<b>T. Goga</b>	<b>K. Kawai</b>
	6	7			
	<b>A. Nishihara</b>	<b>T. Aoki</b>			
Second row	1	2	3	4	5
	<b>M. Sakurai</b>	<b>Y. Ando</b>	<b>M. Makimoto</b>	<b>T. Fujino</b>	<b>K. Kobayashi</b>
	6	7	8		
	<b>W. Nakayama</b>	<b>H. Hirata</b>	<b>M. Ando</b>		
First row	1	2	3	4	5
	<b>H. Ikeda</b>	K. Sezaki,	Y. Yasudda,	H.	Y.
		Treasurer	Chair	Murakami, Vice Chair	Matsushima, Secretary
	6				
	<b>Y. Miura</b>				

Missing from presentation photo: **Prof. Shigeo Hirose, Dr. Sadahiko Kano, Dr. Takehiro Moriya, Dr. Katsunari Okamoto, Dr. Takayasu Sakurai, Dr. Toshitaka Tsuda.**

Year	Total Members	Total Fellows	Increase
1999	6693	255	
2000	6961	265	10
2001	7200	275	10
2002	7299	303	28

## TOKYO SECTION FELLOWS ELECTED FOR 2003

Tokyo continue to dominate region 10 as the section with strong membership elevation to Fellow positions. Below is a brief summary of their achievements. Full contact details appeared in a previous issue of the region 10 newsletter.

**Dr. Makoto Ando**, Tokyo Institute of Technology  
mando@antenna.pe.titech.ac.jp  
*for contributions to the design of high gain planar waveguide arrays.*

**Dr. Yasuhiro Ando**, Fujikura Ltd.  
yando@fujikura.co.jp  
*for contributions to optical connector technologies.*

**Dr. Teruaki Aoki**, Sony Corporation  
teruaki.aoki@jp.sony.com  
*for leadership in consumer electronics and contributions to semiconductor technology.*

**Prof. Tadashi Fujino**, The University of Electro-Communications  
fujino@ice.uec.ac.jp  
*for contributions to modulation and demodulation techniques for digital radio communications.*

**Dr. Hironori Hirata**, Chiba-University  
hiro@cute.te.chiba-u.ac.jp  
*for contributions to the research and development of modeling, analysis, and optimization methods for large-scale systems.*

**Prof. Shigeo Hirose**, Tokyo Institute of Technology  
hirose@mes.titech.ac.jp  
*for contributions to the design and control of mobile robots.*

**Prof. Kazuo Hotate**, The University of Tokyo  
hotate@sagnac.t.u-tokyo.ac.jp  
*for contributions to fiber optic gyroscopes and distributed fiber optic sensors.*

**Dr. Hiroaki Ikeda**  
h.ikeda@eagle.ocn.ne.jp  
*for contributions to RF power generation using MOS field effect transistors and leadership in the development of RF power technologies.*

**Dr. Sadahiko Kano**, Waseda University  
kanos@blue.ocn.ne.jp  
*for contributions to and leadership in the development of international digital network standards.*

**Mr. Kensuke Kawai**, Toshiba Corporation  
kensuke.kawai@toshiba.co.jp  
*for contributions to human-machine systems for computerized power-plant automation.*

**Prof. Kingo Kobayashi**, The University of Electro-Communications  
kingo@ice.uec.ac.jp  
*for contributions to the theory of finitary information systems.*

**Dr. Toshio Koga**, Yamagata University  
koga@eie.yz.yamagata-u.ac.jp  
*for contributions to video compression technologies based on motion compensation and for the development of digital television transmission equipment and systems.*

**Dr. Mitsuo Makimoto**, Matsushita Electric Ind. Co.  
makimoto@mrit.mei.co.jp  
*for contributions to the development of microwave and radio frequency devices.*

**Dr. Yoshimasa Miura**, Fujitsu Limited  
miura.yoshimasa@jp.fujitsu.com  
*for contributions and leadership in research and development of high-density magnetic storage technology.*

**Dr. Makoto Miyake**, Mitsubishi Electric Corporation  
mmiyake@isl.melco.co.jp  
*for contributions to the development of error-correction receivers and their applications to wireless communication terminals.*

**Dr. Takehiro Moriya**, NTT Cyber Space Laboratories  
t.moriya@ieee.org  
*for contributions to speech compression and audio coding technologies and their standardization.*

**Dr. Wataru Nakayama**, ThermTech International  
watNAKAYAMA@aol.com  
*for contributions to thermal science and engineering for electronic packaging.*

**Prof. Akinori Nishihara**, Tokyo Institute of Technology  
aki@ss.titech.ac.jp  
*for contributions to the theory and design of digital signal processing.*

**Dr. Katsunari Okamoto**, NTT Electronics Corporation (NEL)  
okamoto@photo.nel.co.jp  
*for contributions to optical fiber technologies and wavelength-division-multiplexed communications.*

**Dr. Takayasu Sakurai**, University of Tokyo  
tsakurai@iis.u-tokyo.ac.jp  
*for contributions to the modeling and design of high speed VLSI circuits.*

**Dr. Masaru Sakurai**  
masaru.sakurai@toshiba.co.jp  
*for contributions to digital signal processing technology in HDTV systems.*

**Dr. Toshitaka Tsuda**, Fujitsu Laboratories Limited  
tsuda@fujitsu.com  
*for contributions to digital signal processing and its application to the communication industry, and leadership in broadband telecommunications.*

Dr. Osamu Yamada  
yamada@strl.nhk.or.jp  
*for contributions to digital broadcasting systems.*

## RECENTLY ELECTED IEEE FELLOWS IN REGION 10 - FURTHER INDIVIDUAL INSIGHTS

**Professor Ken-ichi Kitayama**, Osaka University, " for contributions to optical fibre communications, radio-on-fibre communications, and photonic networks."

**Professor Ken-ichi Kitayama** received the B.E. degree, the M.E. degree, and the Dr. of Engineering from Osaka University, Japan in 1974, 1976, and 1981, respectively. In 1976, he joined the NTT Electrical Communication Laboratory. In 1982-1983, he spent a year as the Research Fellow at the University of California, Berkeley. In 1995, he joined the Communications Research Laboratory (CRL), Tokyo. Since 1999, he has been the Professor of the Department of Electronic and Information Systems Engineering, Graduate School of Engineering of Osaka University. He has published over 170 papers in refereed journals, written two book chapters, translated one book. He holds more than 30 patents.



Optical fibre communication technology is young at 30 years old and is as old as my career of the researcher. It was in 1974 that I heard astonishing news about the progress of optical fibres from Professor Emeritus Nobuaki Kumagai, who was then his mentor at Osaka University, and later he became the President of the university. The news was that the attenuation of optical fibre was successfully reduced to less than 4dB/km from the previous record of 20dB/km. I was excited about it but I could not imagine that this is only a dawn of revolutionary technology of optical fibre communications. Thanks to 4dB/km I could find what I liked to do.



He currently serves on the Editorial Boards of the *IEEE Photonics Technology Letters* and *IEEE Transactions on Communications* as the Associate Editors. He received the 1980 Young Engineer Award from the *Institute of Electronic and Communication Engineers of Japan*, the 1985 Paper Award of Optics from the *Japan Society of Applied Physics*, and the 2003 *Telecom System Award of Telecommunications Advancement Foundation of Japan*. He is a member of the *Institute of Electronic, Information, and Communication Engineers (IEICE) of Japan*, the *Japan Society of Applied Physics (JAP)*, and the *Optical Society of America (OSA)*.

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In the next article we gain a deeper insight into the early years of a young man that had a strong interest in mathematics, science and technology. These traits might be identifiable in other young people we meet at secondary schools and universities. As IEEE members we can encourage them and steer them more positively within their careers.

**Marek E. Bialkowski** (SM IEEE 1988, FIEEE 2003) was born in Sochaczew (Poland) where he attended primary and secondary schools. Sochaczew is a city with about a 700-year history and in the past it was a residence of Mazovian Dukes. It is worthwhile mentioning that the greatest Polish piano composer, Fryderyk Chopin, was born at a place named Zelazowa Wola, which is only a few kilometres from Sochaczew.



During his school times, Marek showed a great interest in mathematics, and this was one of his favourite subjects. His father, who worked as a chief accountant at a local company (also his mother was an accountant), always was repeating that mathematics was the queen of all sciences and this aspired

Marek's mathematical interest even more. Besides solving challenging mathematical problems, most of his time he was spending on various sport activities like playing football, handball, and swimming during the summer time, and ice skating and snow skiing during the winter time. His other favourite activity was a piano accordion playing both as a soloist as well as a band member.

In secondary school, Marek developed another passion, and it was amateur radio. He was so keen on developing various types of transistor radios that he started skipping school classes. Fortunately, his father stopped this bad behaviour. However when it came to choosing his tertiary studies, Marek decided to fulfil both his mathematical and amateur radio aspirations by entering a newly formed Mathematical and Technical Sciences Institute at the Warsaw University of Technology (WTU, in Polish: Politechnika Warszawska). The Institute aimed at attracting mathematically talented students, which had an extra interest in technical sciences. The prerequisites of entering the Institute were high distinction grades in mathematics and physics in the last two years of the secondary school and written exams. Candidates also had to meet the Institute's professors, to test their suitability. Marek passed all of the necessary requirements and joined another 25 students, which formed the whole year of the Institute.

Out of the 26 students, 10 were participants and recipients of awards in the national Olympiad in Mathematics or Physics. After their three years of study of pure mathematics, the students had a choice of specialisation and this could be in pure mathematics, computer science, physics or electronics. Marek's choice was the field of electronics/telecommunications. He completed his M.Eng.Sc degree with high distinction in 1974. Following that he entered his PhD studies at the Warsaw University of Technology after successfully passing an entrance exam. His area of specialisation was electromagnetics and microwaves to which he was aspired by his supervisor and promoter, Prof. T. Morawski.

The studies included various components such as specialisation courses, foreign languages and philosophy (or economy) beside the research work. Prior to submitting his PhD thesis in 1978, Marek was approached by the management of the Institute of Radioelectronics of the WTU and was offered an academic appointment, which he keenly accepted. He publicly defended his PhD dissertation in January 1979. The delay of his public defence was caused by the winter of century that created postponement of various academic activities at the Faculty of Electronics. Following his successful PhD defence and award of the degree, Marek was elevated to the rank of Assistant Professor (in Polish: Adjunkt) in 1979.

Marek then undertook steps to obtain professional experience abroad. In one of his inquiries, he received a friendly letter from Prof. M. Gunn of the University of Queensland, Australia, advising him to apply for a University of Queensland Postdoctoral Research Fellowship. Almost at the same time, he was encouraged to apply for a Postdoctoral Fellow position offered by the Irish Department of Education. The personal invitation came from Prof. S. Scanlan of the University College Dublin. He put two applications and both turned out to be successful. He accepted the first offer, which came from Ireland.

Until that time Marek's only experience with regard to travelling outside Poland was border crossing to Slovakia in the Tatry mountains. During vacation time, with his close friends, he was climbing various mountains on the Polish side of the Tatry Mountains. Besides playing chess and table tennis, and indoor pool swimming, mountain climbing was one of his favourite extra curriculum activities during his tertiary and PhD studies.

His first stay abroad, in Ireland, was between January 1981 and February 1982. Besides the research work, the stay in Ireland was an opportunity to practice English (with an Irish accent). English was Marek's 4<sup>th</sup> language after Polish, Russian and German. He had learned some English in Poland by attending private lessons, listening to the BBC radio and by reading English novels, which were available at special bookshops named KMPiK. His stay in Dublin is remembered as full of hospitality and Irish humour. In the second part of his stay, his wife and son, who was christened in one of the Dublin's churches joined him.

In the meantime, the University of Queensland repeated its offer of a Postdoctoral Fellowship, which he keenly accepted. This was just before the introduction martial law in Poland. The journey to Australia commenced during the snowy winter (in 1982 there was a winter of century in Ireland) in Dublin and finished in a hot, humid and exotic Brisbane with nights accompanied by an aroma of blooming flower trees and the sound of cicadas. At the University of Queensland Marek worked with Prof. P. Khan and Prof. M. Gunn, a small but talented group of microwave researchers. Contributions of this group led to formation of a microwave company, MITEC.

At the end of his stay in Brisbane, Marek applied for a Lecturer position at James Cook University, Townsville. The intention of extending his stay in Australia was based on unfavourable circumstances in Poland, which suffered at that time from various problems caused by its economic and political situation. An interview in Townsville resulted in a formal offer and which he happily accepted. The stay in Townsville (1984-1989) was quite enjoyable due to the small size of Electrical and Computer Engineering Department, which functioned almost like an extended family. The stay at JCU was the first experience of working as an academic in an Australian university.

After awhile the nostalgia for living at a bigger city was one of the motivations which made Marek to apply for a vacant position at the University of Queensland in 1989. The interview resulted in an offer of Associate Professor. His work resulted in a very successful path of funded research, a large number of publications, successful supervision of a large number of Honours, Masters and PhD students, successful mentoring of young researchers and significant contributions to profession.

The research work he accomplished during his 1983-1999 stay in Australia resulted in an award of higher doctorate, which he obtained from the University of Queensland. It was based on the Doctor of Engineering dissertation of which de facto promoter was the Head of School of Engineering, Prof. J. Simmons. Marek's

contributions have also been recognised externally and resulted in a number of appointments as Visiting Professor in universities such as the University of Victoria, Canada, the City University of Hong Kong, Nanyang Technological University and the National University of Singapore.

The recent culmination of recognition of his contributions has been his IEEE Fellowship, which came with the following citation: **for contributions to the modelling, design, and testing of microwave guiding and radiating structures.**

With this achievement, Marek joins his colleagues Prof. R. Tucker and Prof. Michael Steer, former members of the Microwave Group of the University of Queensland, and Prof. W. Gwarek and Prof. Modelski of the Institute of Radioelectronics, Warsaw University of Technology, which became IEEE Fellows before him.

## **Region 10 Director Outlook**

**Dr. Jung Uck Seo**

### **Region 10 Meeting**

The Region 10 Meeting was supposed to be held at Shangri-La's Rasa Sayang Resort, Penang, Malaysia, on April 4-5 2003. We tried to have the Meeting until the last minute, but the epidemic of SARS in the region hindered the Meeting and we postponed the Meeting until the situation turns around. At the Meeting the following had been planned and will be referred to the proposed meeting in October:

- Improved version of Region 10 Operations Manual would be reported.
- Resolve the proposed Region 10 Bylaw change of the charter of Nominations and Appointments, such as Nomination Committee structure, Regional Director Qualification, and Petition Candidate Qualification.
- Resolve the new measure for higher Student Member retention and more active Students Branches.
- Carry out ten training sessions and workshops, including strategic planning workshop, Section-Chapter support, Membership development, student activities, etc.



### **Student Activities**

Student Paper Contest 2003- We had a record entry of 44 papers for both postgraduate and undergraduate contests. Out of these, 9 papers were shortlisted for the postgraduate section and 6 for the undergraduate section. Currently they are in the second stage of review.

Student Website Contest - The Student Website Contest 2003 has finished and there was also a record entry of 33 Student Branches. The winner is VESIT (Vivekand Education Inst. of Tech., Mumbai, India), which is Region 10's representative in the Inter-Regional Contest.

### **Newsletter**

The R10 Newsletter was published online in March. This issue consists of 16 pages and contains summary R10 EXCOM Meeting in January, newly elected Fellows from R10, EXCOM members, and other information. 4 issues are planned for 2003.

### **IEEE TENCON 2003**

It will be held in Bangalore, India, during October 14-17 and is making smooth progress.

### **Best Section Award**

Review of the R10 Best Section Award 2003 is underway.

**Dr Jung Uck Seo, Region 10 Director 2003/2004**

## What it means to be an IEEE Member in Region 10

You belong to a group of those 47 thousand IEEE members living in Asia Pacific region: Region 10. And at the same time you are also connected to the whole group of a little over quarter million members worldwide.

Your region is the second largest among all the ten regions of The IEEE. In terms of membership grade, you can be a student member, an associate member, a member, a senior member or a Fellow.



You might be surprised to know that the student membership is the largest in the whole IEEE. You can share various benefits from The IEEE through technical and regional publications, technical and regional conferences, standards, and volunteer participation at all levels of the IEEE activities.

It is clear that your strong participation will be the key to the whole IEEE as well as to your profession.

If you are a student member, you can further participate in Student Branch activities and make more connections with GOLD members who are graduates of last decade. You can learn and see how your profession would be through those GOLD views. If you are almost finishing your school, do not forget to continue to either associate or member grade.

While you are GOLD, you can enjoy special benefits in terms of discount annual fees. The IEEE considers that the student members and GOLD members are the treasure for the future, and you are truly depended upon.

If you are an associate member, it might be the right time for you to apply for a member grade.

By being a member you will have a voting power in all the IEEE elections and your activities get much closer to you.

If you are a member, you could be heavily involved with all sorts of IEEE activities. If you have enough professional experience, you are advised to apply for a senior member grade. This is the only highest grade for which you can apply by your own and it shows the highest professional status by itself.

If you are a senior member and have accomplished yourself in your expertise, now is the time to be nominated for Fellow grade.

Your active participation has been made a lot more feasible these days using electronic means: e-mailing, tele-conferencing, WEB documentation and archives, and digital library. There is no exceptions for membership upgrade procedure either: recently all the applications can be made electronically including the Fellow Nomination. Please visit <http://iee.org> and dig into it.

If you have inquiry or questions, please let us know.

Volunteer people working for Region 10, Councils, Sections, Student Branches and Chapters are willing to help you out.

**Hiromasa Haneda**  
**Region 10 Membership Development Committee**

# Would Spielberg

have won a

# VINNY



## YOU Could. . .

Combine skills in research and writing with teamwork and creativity to win prizes and recognition. Teachers, students, and mentors are you ready? Lights, camera, education!

Named after Leonardo da Vinci, the **VINNY** is an award for the best one-minute videos explaining how science, technology, engineering, or mathematics can help solve common global problems.

<http://vinny.pcs.cnu.edu>

**SIGN UP NOW! Registration Deadline is OCTOBER 31, 2003**

The VINNY award is sponsored by the NASA Center for Distance Learning, Christopher Newport University, and the Institute of Electrical and Electronics Engineers (IEEE). Funding is provided by the IEEE Foundation.





The NASA Center for Distance Learning, Christopher Newport University, and the Institute of Electrical and Electronics Engineers (IEEE) announce VINNY award. VINNY is a worldwide video competition designed to build awareness of science, technology, engineering, and mathematics (STEM). VINNY can be used to supplement curricula and support commonly recognized standards of learning.



**CHALLENGE**  
 • Teams will create a one-minute video explaining the global problem and a possible STEM solution.

**AWARDS**

- Win school prizes and recognition.
- Win student prizes and recognition.
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**IEEE REGION 10 - NEWSLETTER EDITORIAL DEADLINES**

Raise awareness of your own significant achievements, events and interesting IEEE activities or people in your section. Newsletter ready articles greatly appreciated. I am also looking for extra IEEE volunteer support to assist with collection of articles, editorial work and collation of the electronic newsletter. Make a note in your calendars and please submit electronic articles for inclusion by the listed dates to

**[harry.mcdonald@ieee.org](mailto:harry.mcdonald@ieee.org)**

Editorial Deadline

Newsletter Target Issue Date

**8<sup>th</sup> Aug 2003**

**25<sup>th</sup> Aug 2003**

7<sup>th</sup> Nov 2003

24<sup>th</sup> Nov 2003

6<sup>th</sup> Feb 2004

23<sup>rd</sup> Feb 2004

10<sup>th</sup> May 2004

21<sup>st</sup> May 2004



**IEEE CONFERENCES IN REGION 10  
DURING THE PERIOD 1<sup>st</sup> JULY 2003 - 31<sup>st</sup> OCTOBER 2003**

**AUGUST 2003**

SICE 2003 - 42nd Annual Conference of the Society of Instrument and Control Engineers of Japan  
04 Aug - 06 Aug 2003  
Fukui, Japan  
<http://www.sice.or.jp/event/sice2003/>

2003 4th International Power Electronics and Motion Control Conference (IPEMC 2003)  
14 Aug - 17 Aug 2003  
Xi'an, China  
<http://unit.xjtu.edu.cn/unit/ipemc2003/ipemc2003.html>

2003 6th International Symposium on Antennas, Propagation & EM Theory (ISAPE - 2003)  
17 Aug - 21 Aug 2003  
Beijing, China  
<http://www.cie-china.org/isape2003>

2003 5th IFAC Symposium on Modelling and Control in Biomedical Systems  
21 Aug - 23 Aug 2003  
Melbourne, Australia  
<http://www.tourhosts.com.au/ifac2003/>

2003 International Conference on Machine Learning and Cybernetics  
24 Aug - 27 Aug 2003  
Xian, China  
<http://www.icmlc2003.hbu.edu.cn/>

2003 International Conference on Power Systems Transients (IPST)  
**(Rescheduled from June 15-19)**  
24 Aug - 28 Aug 2003  
Hong Kong, China  
<http://www.pctourshk.com/ipst2003/index.html>

2003 International Symposium on Low Power Electronics and Design - ISLPED  
25 Aug - 27 Aug 2003  
Seoul, Korea  
<http://poppy.snu.ac.kr/~islped/>

2003 International Conference on Parallel & Distributed Computing, Applications & Technologies (PDCAT)  
27 Aug - 29 Aug 2003  
Chengdu, China  
<http://home.swjtu.edu.cn/~imc/pdcat03/>

**AUGUST 2003 (contd.)**

2003 IEEE Workshop on Signal Processing Systems Design & Implementation (SIPS)  
27 Aug - 29 Aug 2003  
Seoul, Korea  
<http://sips03.snu.ac.kr>

**SEPTEMBER 2003**

2003 IEEE 9th International Software Metrics Symposium  
03 Sep - 05 Sep 2003  
Sydney, Australia

RADAR 2003  
03 Sep - 05 Sep 2003  
Adelaide, Australia  
<http://www.plevin.com.au/radar>

2003 International Symposium on Personal, Indoor, and Mobile Radio Communications -(PIMRC 2003)  
07 Sep - 09 Sep 2003  
Beijing, China  
<http://www.pimrc2003.org>

2003 IEEE International Conference on Robotics and Automation  
**(Rescheduled from May 12-17)**  
14 Sep - 19 Sep 2003  
Taipei, Taiwan  
<http://www.icra2003.org>

2003 7th IEEE International Enterprise Distributed Object Computing Conference  
(EDOC 2003)  
16 Sep - 19 Sep 2003  
Brisbane, Australia  
<http://edocconference.org/>

2003 Asia-Pacific Conference on Communications  
21 Sep - 24 Sep 2003  
Georgetown, Penang, Malaysia  
<http://apcc2003.upm.edu.my/index.html>

2003 IEEE International Conference on Software Engineering and Formal Methods  
25 Sep - 26 Sep 2003  
Queensland, Australia  
<http://www.svrc.uq.edu.au/Events/SEFM03/>

### SEPTEMBER 2003 (Contd.)

2003 11th IEEE International Conference on Networks (ICON)  
28 Sep - 01 Oct 2003  
Sydney, Australia  
<http://www.ee.unsw.edu.au/~icon/>

### OCTOBER 2003

2003 IEEE International Symposium on Mixed and Augmented Reality (ISMAR)  
07 Oct - 10 Oct 2003  
Tokyo, Japan  
<http://www.ismar03.org>

2003 International Conference on Robotics, Intelligent Systems and Signal Processing (RISSP)  
**RESCHEDULED** from 19-24, May 2003 to  
08 Oct - 13 Oct 2003  
Hunan, China  
<http://www2.acae.cuhk.edu.hk/~icrissp/>

2003 IEEE International Workshop on Projector-Camera Systems (PROCAMS)  
**NEW DATES AND LOCATION**  
12 Oct - 12 Oct 2003  
Nice, France  
<http://www.procams.org/>

2003 IEEE Intelligent Transportation Systems Conference - (ITSC 2003)  
12 Oct - 15 Oct 2003  
Shanghai, China  
<http://www.ewh.ieee.org/tc/its/conf.html>

2003 IEEE Visual Surveillance and Performance Evaluation and Tracking Surveillance (VS PETS)  
**NEW DATES AND LOCATION**  
12 Oct - 13 Oct 2003  
Nice, France  
<http://vspets.visualsurveillance.org>

2003 IEEE 9th International Conference on Computer Vision (ICCV)  
**NEW DATES & LOCATION** moved from China  
13 Oct - 16 Oct 2003  
Nice, France  
<http://www.cvl.iis.u-tokyo.ac.jp/iccv2003/>

2003 IEEE/WIC International Joint Conference on Web Intelligence and Intelligent Agent Technology (WI/IAT)  
**LOCATION CHANGE**  
13 Oct - 17 Oct 2003  
Halifax, Canada  
<http://www.comp.hkbu.edu.hk/WI03/>

### OCTOBER 2003 (Contd.)

2003 16th Optical Fiber Sensors Conference (OFS'16)  
13 Oct - 17 Oct 2003  
Nara City, Japan  
<http://www.ee.t.u-tokyo.ac.jp/OFS-16/>

2003 8th Optoelectronics and Communications Conference (OECC)  
**RESCHEDULED** from 8-11, July 03  
13 Oct - 16 Oct 2003  
Shanghai, China  
<http://www.siom.ac.cn/oecc2003/>

2003 International Conference on Numerical Simulation of Semiconductor Optoelectronics Devices (NUSOD)  
14 Oct - 16 Oct 2003  
Tokyo, Japan  
<http://www.engr.ucsb.edu/~piprek/nusod/nusod.htm>

TENCON 2003 - 2003 IEEE Region 10 Conference - on Convergent Technologies for the Asia-Pacific  
14 Oct - 17 Oct 2003  
Bangalore, India  
<http://www.ewh.ieee.org/r10/bangalore/>

2003 IEEE International Carnahan Conference on Security Technology  
14 Oct - 16 Oct 2003  
Taipei, Taiwan  
<http://www.carnahanconference.com/>

2003 IEEE 6th CAS Symposium on Emerging Technologies:  
Frontiers of Mobile and Wireless Communication  
**(TO BE RESCHEDULED IN 2004)**  
~~15 Oct - 17 Oct 2003~~  
Shanghai, China  
<http://mwc.ee.nd.edu/>

2003 IEEE International Workshop on Analysis and Modeling of Faces and Gestures  
**LOCATION CHANGE** moved from Beijing, China  
17 Oct - 17 Oct 2003  
Nice, France  
<http://www.cvl.iis.u-tokyo.ac.jp/iccv2003/workshop.html>

2003 1st IEEE International Workshop on Higher-Level Knowledge in 3D Modeling and Motion Analysis (HLK)  
**NEW DATE AND LOCATION**  
17 Oct - 17 Oct 2003  
Nice, France  
<http://www.cc.gatech.edu/~dellaert/workshop/>

### OCTOBER 2003 (Contd.)

2003 IEEE Workshop on Multimedia Technologies E-learning and Collaboration (WOMTEC)

#### NEW DATES AND LOCATION

17 Oct - 17 Oct 2003

Nice, France

<http://research.microsoft.com/workshops/WOMTEC/>

2003 IEEE International Workshop on Recognition, Analysis and Tracking of Faces and Gestures in Real-Time Systems (RATFG)

18 Oct - 18 Oct 2003

Beijing, China

<http://www.dcs.qmul.ac.uk/%7esgg/ratfg2003/>

INTELEC 2003 - 2003 IEEE Int'l Telecommunications Energy Conference

19 Oct - 23 Oct 2003

Yokohama, Japan

<http://www.ics-inc.co.jp/intelec/>

2003 2nd IEEE Workshop on Image and Video Registration (IVR)

**POSTPONED until June 2004**

~~20 Oct - 21 Oct 2003~~

Taipei, Taiwan

<http://www-cs.engr.cny.cuny.edu/~zhu/IVR2003/>

2003 International Conference on Computer Networks and Mobile Computing (ICCNMC)

20 Oct - 23 Oct 2003

Shanghai, China

<http://www.cis/ohio-state.edu/~iccnmc/>

2003 IEEE/EMBS Asian-Pacific Conference on Biomedical Engineering

20 Oct - 22 Oct 2003

Kyoto, Japan

<http://chihara.aist-nara.ac.jp/apbme2003/>

### OCTOBER 2003 (Contd.)

2003 5th International Conference on ASIC (ASICON 2003)

21 Oct - 24 Oct 2003

Beijing, China

<http://www.cie-china.org/asicon2003/>

2003 IEEE Knowledge Media Networking Workshop (KMN)

22 Oct - 24 Oct 2003

Tokyo, Japan

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

2003 8th International Conference on Computer Supported Cooperative Work in Design (CSCWD)

22 Oct - 24 Oct 2003

Xiamen, China

<http://cscwd.xmu.edu.cn>

2003 International Conference on Natural Language Processing and Knowledge Engineering (ICNLP-KE)

27 Oct - 29 Oct 2003

Beijing, China

<http://www.cie-china.org/index.htm>

2003 International Microprocesses and Nanotechnology Conference

28 Oct - 31 Oct 2003

Tokyo, Japan

<http://www.nano.ee.es.osaka-u.ac.jp/mnc/>

2003 9th Microoptics Conference (MOC 2003)

29 Oct - 31 Oct 2003

Tokyo, Japan

<http://www.din.or.jp/~microopt/moc03/>

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