



IEEE REGION 10 NEWSLETTER APRIL 2004

In this Issue

Announcement – IEEE 2004 R10 Meeting Adelaide 16th –17th April

Report - IEEE R10 2004 Excom Meeting Auckland

R10 Student Activities (SAC) Website

Announcement - The 2nd IEEE Region 10 Student Congress 2004 -16th - 18th July 2004

IEEE Region 10 Volunteer of the Year (2003) Award

‘Krimakshak’ – Gujarat section Newsletter

TENCON 2004

Thoughts on Volunteer Recruitment, Region 10 Director, Dr. Jung Uck Seo

Signal Processing Activities in Victoria, Australia

IEEE Fellow Statistics - Improving the Fellow Image

2004 Fellows

Financial Advantage Program (FAP)

IEEE MEMBER NEWSPAPER IS PUBLISHED ONLINE

IEEE REGION 10 - EXECUTIVE COMMITTEE 2004

IEEE REGION 10 - NEWSLETTER EDITORIAL DEADLINES

Region 10 Conferences April - June 2004

Other R10 Conferences

The IEEE Member Digital Library - Seek, Discover. Innovate

NEWS FROM IEEE EDUCATIONAL ACTIVITIES AND THE HISTORY CENTRE

IEEE MEMBER NEWSPAPER IS PUBLISHED ONLINE

Cultural Diversity – Seeking Articles

Announcement - IEEE Region 10 2004 General Meeting Adelaide, Australia 16th & 17th April

The 2004 AGM will be hosted by the South Australia section in the Hilton Hotel, Adelaide on the 16th and 17th April. The meeting attracts approximately 70 delegates and distinguished guests from the Asia Pacific region and IEEE HQ.

Special guests include,

- 2004 IEEE President-Elect, Cleon Anderson,
- 2004 IEEE-USA President-Elect, Gerry Alphonse,
- 2004 Director VP - Publications, Services and Products Board, Mike Lightner.

The meeting also offers an opportunity for the South Australia section officers to get greater insight to the IEEE Regional affairs and operations.

A report from this meeting will feature in the next issue of the Newsletter.

IEEE R10 Excom Meeting Report, Auckland, New Zealand 4 January 2004

The IEEE Region 10 Executive committee met on 4th January in Auckland to review

- it's 2003 activities
- communicate and review workplans for the 2004 year
- progress the program ideas for the R10 2004 AGM in Adelaide.

New Zealand North section and chair Kevin Sowerby provided local hospitality for the excom during leisure time. It was a pleasure meeting the NZ section officers

Each of the respective chairs presented their 2003 activities and highlights in turn. A number of initiatives were discussed and debated.

The excom also welcomed Prof SV Sankaran from India. He had agreed to take over the membership development role from Prof Hiro Haneda. Haneda has stood aside because of his other work commitments. We wish Prof Sankaran well in his new regional role and also thank Prof Haneda for his valuable and energetic contributions to region 10.

Each program's significant points were

Financials - (D Y Kim)

- Expected surplus for 2003 as some committees did not consume their predicted budgets

Membership - K D Kwack (on behalf of H Haneda)

- Overall membership decline for 2003 of 8.6%
- Student membership decline 28.3%
- Higher grade membership increased 2.4%
- High impact of student dues increase in R10

Student Activities - M B Khalid

- Significant declines in student memberships by 47%, except NZ which increased by 7%.
- HQ increase from US\$1 to US\$2 subsidy for new student members from Jan 2004
- Encouraged sections to share support for student member travel to Student Congress.
- Hong Kong Section is providing financial support for Student Congress 2004

Educational Activities - A Nishihara

- Accreditation – Workshop in Nov 2004, Bangkok in cooperation with Thailand Section
- Proposed idea of R10 Distance Education system (virtual university framework)

Newsletter - H McDonald

- Reminder for Editorial deadlines
- Targeted Articles and requests:
- Encouraged to benchmark against other Regional newsletters and adopt good ideas
- Suggested items on cultural diversity given richness within R10

Awards - YW Liu

- 5 nominations for Outstanding Volunteer Award
- 2003 RAB Gold Leadership Awards – 2 recipients from Kerala Section
- 2003 RAB Outstanding Section Award - Bombay Section
- Region Outstanding GOLD Program Award – nominations, Bangalore and Kerala

Regional Conferences - J Mazierska

- Still working with Beijing to close TENCON 2002
- Bidding for TENCON 2006 from HK, Tainan/Taipei and Hyderabad
- Proposal for TENCON 2006 in HK, TENCON 2007 in Taiwan and TENCON 2008 in Hyderabad.
- call for bids for 2008 and beyond.

Electronic Communication - K D Kwack

- project to archive historical documents. Much of past hard documents are in Bombay under dedicated efforts of HK Kalyansundaran.
- Request to make R10 webpages browser independent

Strategic Planning L Wong

- how best to make effective time for strategic planning at next R10 meeting.
- Work on existing programs and form discussion groups that can drill down to detailed action plans and targets

GOLD - T Angkaew

- enhance affinity group activities

Technical Activities - TH Cheng

- Distinguished Lecture Program in collaboration with Educational Activities

Proposed R10 Meeting in Adelaide on 16-17 April 2004 - Presentation by YJ Park

- separate training sessions for new Section Chairs
- longer Strategic Planning session
- poster session for each Section executive summary

R10 Student Activities (SAC) Website

The R10 SAC website <http://www.cairo.utm.my/r10students/> has recently been revamped. The information were re-organized to be more user-friendly. A new column on 'Governance' [inline with IEEE strategy for year 2004] was added to help student branch be more well verse in the recommended practises and operations. Any feedback for improvement is welcomed.

Please note that the latest student branch contact list is being uploaded, which currently amounts to about 70 contacts. At the same time, documents are being converted to more formats (pdf, html) so that students can open them in formats that's most convenient. The work is still in the pipeline.

Please note that R10 SAC website will be moved to IEEE HQ's Entity Web Hosting Facility. Since major contests will be held before April, the site will move only after April to prevent miscommunication. The new website-link will be released by then.

Darrell Chong (Region 10 SAC)

Announcement - The 2nd IEEE Region 10 Student Congress 2004 16th - 18th July 2004

Theme: Network the people. Network the communities. Network the world

The Region 10 Student Congress is a platform for students to share their visions and ideas in the IEEE. A series of Forums, delegate presentation, seminars, training forums have been organised, etc. These activities will stimulate and envision our future leaders and enhance their sustainable contribution to the local IEEE Section.

Objectives:

- 1.To encourage the young leaders to sustain their contributions to the IEEE
- 2.To stimulate the delegates with the possibilities of cooperation with other Student Branches in Region 10
- 3.To develop our leaders management and interpersonal skills
- 4.To provide a platform for students all over the Asia Pacific Region together, discuss and interact with one another
- 5.To widen our horizons, discover our potentials and understand our international role

Expected No. of participants: 100

The criteria for selection of participants:

- a) Must be a committee member of IEEE student branch.
- b) Should be someone who is likely to run for the next election.
- c) A positive attitude towards contributing to IEEE student activities.

Student Preparation: Each student branch will prepare a 3 min. presentation on:

1. Opportunities for Student Exchange Program (SEP) / Internships
2. International cooperation between student branches
3. Great projects in my student branch

Each delegate will bring a small gift to exchange

Respective council/section will conduct their own interviews to select the potential participants.

Follow-up Activities:

- a) Discussed topics and suggestions made during the congress will be compiled and given to participants prior to their departure home.
- b) Participants will submit a 200-word report to their council/section on things learnt through the congress and how they are going to implement them to improve their student branch activities.
- c) Seek student branch to organize the next student congress, as a continual effort to fulfill the objective of IEEE.

Promotion Website: <http://www.eee.hku.hk/~ieeesb/r10sc2004/index.html>

Clive Lee, Chairman- Organizing Committee - Region 10 Student Congress 2004.

IEEE Region 10 Volunteer of the Year (2003) Award

Dear colleagues,

The Award Committee has elected

Norman Bin Mariun of Malaysia Section and **Robert E Bogner** of South Australia Section the recipients of the 2003 R10 Outstanding Volunteer Award.

Norman is sponsored to attend the Adelaide R10 Committee Meeting to receive the Certificate, Robert will also be presented with his certificate in his home section and host for the 2004 R10 meeting.

Congratulation to Norman and Robert!!

The following awards have also been confirmed,

2003 RAB Outstanding Section Award - **Bombay Section**

2003 RAB Section GOLD Leadership Recognition Award - **Mr. Koshy P. Vaidyan** and **Mr. Aju Thomas Abraham Kollarayam** of Kerala Section

Congratulation!

Mr Y W Liu – Region 10 Awards Committee Chair

‘Krimakshak’ – Gujarat section Newsletter

In an effort to better understand the diversity in our region I would like to present regular articles on the background and naming of the newsletters around Region 10. This might help to stimulate some suggestions for a unique region 10 newsletter.

In this article I have received input from the Gujarat section in India.

When the IEEE Gujarat section wanted to start a newsletter for, the requirement was to select a name, which should not have been selected by any one of the sections all over the world. A Gujarati language name was selected.

In the Gujarati dictionary for computer technology, Krimakshak means the scanner.

KRIM has been the standard bearer of the Section. In the earlier years, it was published fairly regularly. The idea was to make it self supporting through some advertisements. Somehow this did not work out.

Flavia Lobo & Dr. A. K. Aggarwal, Gujarat section

TENCON 2004



First call for papers

Organizing Committee:

• General

Kraisai Karnasuta
EGCO,Thailand

Jung Uek Seo
SK Telecom,Korea

• Technical Program

Akinori Nishihara
Tokyo Tech,Japan

Ekachai Leelarasmee
Chulalongkorn U,Thailand

• Publication

Vidhya Ruggong
EGAT,Thailand

• Publicity

Jitkasame Ngarmnil
Mahanakorn U.T.,Thailand

• Finance

Vuthichai Pungprasert
EGAT,Thailand

• Exhibition

Chakchai Chandarasupsang
PEA,Thailand

Wanchai Sinaroj
MEA,Thailand

• Local Arrangement

Akachai Sang-In
Chiang Mai U,Thailand

Ratchai Saeng-Udom
NCC,Thailand

• Secretariat

Surapol Dumronggittigule
NCC,Thailand

• Steering

Marzuki Khalid, UTM, Malaysia

Lawrence Wong, NUS, Singapore

Mark Lauby, EPRI,USA.

Peter Wills, Telstra Res., Australia

R. Guevara, U. of Philippines

Danny Sutanto, HK Polytechnic U.

Tor S. Lande, U. of Oslo, Norway

M. Lightner, U. of Colorado, USA

Jyno-Min Shyu, ERSO, Taiwan

S. Mukhopadhyay, CEA, India

Wahidin Wahob, UI, Indonesia

Y. Nakamura, Kyoto U, Japan

more will be invited

TENCON 2004 is an international technical conference sponsored by IEEE Region 10. Its goal is to provide a prestigious forum for specialist presentations and interactions in a comfortable venue with relaxing environments. All new theories and applications related to either analog or digital worlds are invited.

Theme: Analog and Digital Techniques in Electrical Engineering

Scopes:

- Energy and Power System
- Telecommunication
- Information Technology
- Bioelectronics
- Signal Processing
- Microwave Technology
- Microelectronics
- Mechatronics and Control
- Power Electronics
- Optoelectronics
- Computerized Techniques

Paper Submission: A full paper of not more than 4 pages including abstract in standard IEEE double column format is requested. Papers must be submitted electronically in PDF format via www.tencon2004.com. All papers will be peer reviewed. At least one author of each accepted paper must register for the conference for the paper to be included in the program.

Tutorial: Proposal for a half day tutorial on 21 November 2004 should be solicited via www.tencon2004.com

Important due dates:

- | | |
|------------------------------|-------------------|
| • Paper submission | 30 April 2004 |
| • Tutorial proposal | 15 July 2004 |
| • Notification of Acceptance | 31 July 2004 |
| • Camera Ready Paper | 31 August 2004 |
| • Author Registration | 30 September 2004 |

Venue: Chiang Mai is well known as the Rose of North Thailand and a prime tourist attraction in Asia. About 700 km north of Bangkok, it has a convenient airport that serves both international and domestic flights. Its temperature in November is between 20 - 25 Celsius. Surrounded by mountains and forests, Chiang Mai is rich of traditional sites, historical temples and natural beauties, all within a short distance from the conference venue.

Organizer: IEEE Thailand Section **Sponsor:** IEEE Region 10

In co-operation: Chulalongkorn University, Chiang Mai University, North Chiangmai College, Mahanakorn University of Technology, Tourism Authority of Thailand, Thai Airways International, Thailand Incentive and Convention Association (TICA)

www.tencon2004.com



Region 10 Director Outlook Dr. Jung Uck Seo

Thoughts on Volunteer Recruitment



IEEE has many challenges in recruiting volunteers for its section, region and corporate level of activities. Anecdotal experience has been accumulated by many current and former volunteers concerning best practices and failures to recruit. One of the most important concerns is how to get volunteers and keep them in good spirits. Here are some basic needs for Volunteer Recruitment as a guideline.

- **A task with a beginning and an end**

Some section tasks meet these criteria, for instance, planning a section program or producing a newsletter. Some leadership tasks are more varied and don't have a specific timeline, like the membership chair or section chair. However, candidates for the more complex tasks have usually learned by volunteering in other functions.

Section positions should be evaluated as to where they fall in this continuum. For instance, the newsletter chair has a specific number of issues to produce on a defined timeline. Many functions of the section chair and treasurer chair are defined as to when they are performed, but the tasks of membership development chair are not guided in that manner. If a calendar with specific tasks and deadlines could be created, the expectations would be made much clearer and specific tasks might be shared with other section members.

- **A task with matched interests and reasons**

In most groups, volunteers are asked for task preference when any new posts are created or have been vacated. However, some less popular tasks still need to be done and then a volunteer is assigned such task.

A knowledge of what interests a member and what he/she expects to learn or accomplish by volunteering would be helpful in recruiting new volunteers. A section member who is interested in education might be contacted about arranging a plant tour for a student branch, or providing a presentation for an area college or university during Engineers Week. The more familiar a section leader becomes with a new section member, the easier it is to involve them in the workings of the section. And the more a volunteer's interests are stimulated, the more eager they will be to volunteer.

If a volunteer is assigned a task that lies outside his/her interest, then IEEE should provide him/her a simplified task form outlining the process, main objectives and deliverables.

- **A good reason for doing the task**

Some tasks meet this criterion – section program planning, professional development or newsletters are self-evident. All tasks given to a section should be evaluated. Are all the tasks and reports necessary and helpful to the section members? Are the tasks helping to meet the goals of the institute or is it just “business as usual”?

- **Written instructions**

The section operational manual, treasurer's manual, industry relations manual, section program manuals, forms and instructions should be available in print and on the web for downloading. IEEE Volunteer Resources (<http://www.ieee.org/organizations/vols>) on the web should provide nearly everything that volunteers would need, including policies.

Some tasks may need to be redefined or re-evaluated. In that instance, instructions may need to be rewritten. While there are many available sources on how to accomplish certain tasks, IEEE should consider condensing/summarizing some frequent task descriptions into a simple, preferably one page, instruction form which would save volunteer time. We may also consider a recruiting kit with information on why members volunteer, the benefits of volunteering, how to recruit volunteers and how to motivate and mentor volunteers.

- **A reasonable deadline for completing the task**

Deadlines for reports are clearly stated on the form and on the web. IEEE usually tries to give their volunteers a reasonable amount of time to prepare for Section ExCom Meetings, Region ExCom Meetings, Region Annual General Meeting and Section Congress, by sending out agendas and notices in plenty of time to elicit feedback and receive reports. It is the task of the Section officers to anticipate the amount of time it will take to complete a task in order to assign it and not overwhelm the member who takes on the assignment.

- **A task with freedom to complete anytime, anyplace**

There are many a resource for volunteers on the web – manuals, forms, and downloads of rosters. Email and the web have made volunteering more portable and easy to complete when you have time. The website is open 24 hours a day, 7 days a week.

Section officers need to be flexible on this point, having meetings over the web, taking time to contact other volunteers by phone, e-mail and answering any inquiries in a timely manner.

- **A task completed without interruption**

Much of the material needed to complete Section tasks resides on IEEE web. It would be helpful if each task were accompanied by a list of information needed to complete it, when applicable.

- **Adequate training**

IEEE hold meetings and training sessions - Leadership Training sessions, training handbooks, professional development courses. Delivery includes web-based, video and personal instruction.

The volunteers need to be encouraged to share responsibility for small pieces of larger tasks. Completing a large task is easier when a volunteer has someone to help him/her, and it encourages new volunteers by introducing them to a volunteer role gradually.

- **A friendly working environment**

IEEE usually meets in physically appealing and safe places. IEEE could benefit from a closer working relationship between Student Branches and related mother sections, as well as cooperation among the Councils and Sections. Care should be taken to assure that the meeting place is convenient to majority of members. Volunteering should also be fun.

- **A task completed by thorough follow-up**

Some follow-up occurs from staff to volunteer, and peer to peer. A better method of follow-up may be devised, especially if it could be automated to occur online.

- **An opportunity to feedback when the task is completed**

Region Directors provide feedback to Sections, but this is not standardized in any way. It may be useful to conduct a yearly audit of each unit or committee to provide some feedback on their performance, so they know where they have succeeded and where there is room for improvement. Consider implementing some kind of feedback form, which would evaluate lessons learned.

- **Recognition matched with reasons for volunteering**

Certificates are provided for those who leave committees. Region Directors seek IEEE HQ support to give out more awards to their volunteers at the Region Annual General Meeting or at the end of the year.

There may be other ways to provide recognition and rewards. Some volunteer to get leadership and supervisory experience, in that case a letter to their employer or supervisor and a certificate may be an appropriate reward. This is something that needs to be explored in more detail, once we establish the reason that people volunteer. While there are existing mechanisms, the recognition for difficult tasks (such as organizing a technical conference, workshop, etc.) should be expanded.

- **Encourage employers to support volunteer efforts**

Through the volunteer experience, members can develop or improve their skills in Communications, Oral presentation, Team building, Project management, and Leadership. IEEE needs to improve their communication of the value of volunteering to industry. Since training budgets are shrinking – especially for “soft skills” – IEEE could also provide more value to industry by helping to train engineers in non-technical areas

- **Closing remark**

A recruitment kit should be developed in support of volunteers to show them how to recruit, motivate and mentor new volunteers. Create exercises for section leaders to show them how to recruit. Make sure that materials for volunteers are available on the web so that they can access them when they need them, 24 hours a day, 7 days a week. Volunteers should be encouraged to recruit in their workplaces for new members and new volunteers.

Encouraging section leaders to try different methods to encourage section members to come up with ideas on how to complete projects – or tackle any problems. Methods may include Delphi method, Ringii process (Similar to Delphi but without coordinator; no anonymity. A document circulates among the group for written comments and proposed revisions), panel method, storytelling, electronic brainstorming and bulletin boards, Crawford slip writing, Gallery method, theory of inventive problem solving (TRIZ), mind mapping, integrated problem solving, collective notebooks, morphological creativity or synectics.

IEEE could benefit from a re-evaluation of sections and the way that they do business, as well as the tasks that are assigned to each unit. Tasks need to be evaluated as to their adherence to the mission and vision of IEEE and according to the usefulness to the member. Section business should be done in teams when possible. Teaming is an effective way to complete tasks, and most people enjoy teams over solitary assignments.

Better methods of feedback to each unit and individual volunteer and more appreciation of volunteer efforts need to be devised. The message that volunteering creates value for the employer and for an individual should be communicated better to industry. By adequately training their volunteers, IEEE helps industry by providing leadership and project management training that many companies no longer provide.

Dr. Jung Uck Seo
Region 10 Director 2003/2004

Signal Processing Activities in Victoria, Australia

We'd like to regularly report some of the successful practices from around the region. In this way we can pass the success stories and learning on to new sections and chapters beyond what they discover in their own environment. The Victorian Signal Processing chapter in Australia is a typical example.

The Victorian Chapter of the IEEE Signal Processing Society was formed in December 2001 in order to enhance the local Signal Processing community. The Signal Processing Society's areas of interest are the theory and application of filtering, coding, transmitting, estimating, detecting, analyzing, recognizing, synthesizing, recording, and reproducing signals by digital or analog devices or techniques. The term signal includes audio, video, speech, image, communication, geophysical, sonar, radar, medical, musical, and other signals.

The Victorian signal processing community is mainly comprised of a small number of companies working in the area of telecommunications and multimedia product development. The other main contributors are the universities, who are primarily involved in research activities. The universities and some niche companies expand the number of applications to include biomedical, robotics, control, security, neural networks and artificial intelligence.

This chapter organized;

- 6 technical activities in 2002
- 8 technical activities in 2003.

Overseas speakers gave almost half the talks and this provided the local membership of meeting with new contacts and expands their networking connections. The talks always begin with a half hour socializing period over sandwiches and juice, which helps promote interaction between the members and provide an opportunity to meet the speaker in an informal manner. The speakers have all been excellent and the question & answer session following the talks are often lively and discussion continues well after the talk is formally closed. The most popular talk drew 65 people, with an average of approximately 30 attendees per talk

The events allow us to further our knowledge in the field, learn about a new area, as well as provide an opportunity to share ideas and network with our colleagues. The other advantage of signal processing is that it overlaps with so many of the other societies and consequently we have been able to invite joint collaboration with our local IEEE biomedical, communications, computer and information theory chapters.

The Signal Processing Society chapter website is maintained under the IEEE Victorian Section website, www.ieeevic.org, and is regularly updated with the latest information.

Section emailouts and features of upcoming talks on the main website ensure that local members are kept well informed. A feature of the chapter website is that information, including presentation slides, for past events are available on the website.

To date, all activities have been organised by the current Signal Processing Chapter Chair, Robert Slaviero, who is a past Section Chair and is Managing Director of Analog Devices Australia, which specializes in the development of embedded DSP software for telecommunications and multimedia applications.

Robert Slaviero – Victorian Section

IEEE Fellow Statistics - Improving the Fellow Image

From time to time questions or expressions of concern are raised about how fellow nominees from industry fare when compared to nominees from academia.

The data in the tables below is provided in order to address these concerns.

While IEEE do normally receive more nominations for educators than for engineers from industry, this data indicates that the success rate for industry is comparable to that for academia.

Year	Academia			Industry		
	Nominations Received	Nominations Elected	% Success	Nominations Received	Nominations Elected	% Success
1999	303	132	43.6	207	83	40.1
2000	297	133	44.8	206	103	50.0
2001	277	139	50.2	209	98	46.9
2002	327	143	43.7	171	91	53.2
2003	406	165	40.6	166	76	45.8

Region 10 Fellows - 2004

SHIRABE AKITA

Central Research Institute of Electric Power
Industry
Tokyo, Japan
For contributions in applied superconductivity in support of electric power applications.

HARBANS L. BAJAJ

Central Electricity Authority
New Delhi, India
For leadership in field management of power plants.

YAN CHEONG CHAN

City University of Hong Kong
Hong Kong, China
For contributions to electronic product reliability.

CHENG-SHANG CHANG

National Tsing Hua University
Hsinchu, Taiwan
For contributions to the theory of providing performance guarantees in communication networks.

DAU-CHYRH CHANG

Da Yeh University
Da-Tsuen, Taiwan
For technical leadership in antenna design and measurement systems.

MING-SYAN CHEN

National Taiwan University
Taipei, Taiwan
For contributions to algorithms for query processing and data management in parallel and distributed systems.

SERGE N. DEMIDENKO

Massey University
Palmerston North, New Zealand
For contributions to electronic testing.

MINYUE FU

University of Newcastle
New Lambton, New South Wales, Australia
For contributions to robust control and signal estimation.

LI-CHEN FU

National Taiwan University
Taipei, Taiwan

For contributions to robotic control and computer-integrated manufacturing systems.

HIROMU FUJIOKA

Osaka University
Suita, Osaka, Japan

For contributions to electron beam testing of semiconductor devices and circuits.

XIANLONG HONG

Tsinghua University
Beijing, China

For contributions to the physical design of integrated circuits.

CHAOHUAN HOU

National Natural Sciences Foundation of China
Haidian, Beijing, China

For technical leadership in advancing VLSI System technology.

KENJI IBA

Tokyo Metropolitan College of Aeronautical Engineering
Tokyo, Japan

For contributions to the control and planning technology of voltage/reactive power.

SHUJI IKEDA

Trecenti Technologies, Inc.
Hitachinaka, Ibaraki, Japan

For contributions to the development and manufacturing of static random access memory.

MASAO IKEDA

Osaka University
Suita, Osaka, Japan

For contributions to the theory of large scale systems and decentralized control.

MASARU ISHII

University of Tokyo
Tokyo, Japan

For contributions to improvement of lighting performance of power lines and to the standardization of the measurement of lightning impulse voltages.

HAJIME ISHIKAWA

Fujitsu Laboratories Ltd.
Kawasaki, Kanagawa, Japan

For technical leadership in the development of high-performance Si and GaAs devices and circuits.

MASAYUKI IZUTSU

Communications Research Laboratory
Koganei-shi, Tokyo, Japan

For contributions to integrated optics and broadband guided-wave light modulators.

PANKAJ JALOTE

Indian Institute of Technology
Kanpur, India

For contributions to software process improvement, fault tolerant computing, and software engineering education.

YA-QIU JIN

Fudan University
Shanghai, China

For contributions to an electromagnetic scattering model for remote sensing applications.

MICHAEL RUNG-TSONG LYU

Chinese University of Hong Kong
Shatin, Hong Kong, China

For contributions to software reliability engineering and software fault tolerances.

SHOJI MAKINO

NTT Communication Science Laboratories
Kyoto, Japan

For contributions to adaptive filtering technologies and the realization of acoustic echo cancellation.

YUKOU MOCHIDA

Fujitsu Laboratories Ltd.
Kawasaki, Kanagawa, Japan

For contributions to the development and deployment of digital transport system.

KOSO MURAKAMI

Osaka University
Suita, Osaka, Japan

For contributions to switching technologies and systems for broadband communications networks.

YUKIHIRO NAKAMURA

Kyoto University
Kyoto, Kyoto, Japan
For contributions to very large scale integration synthesis methodologies.

SEIICHI NAMBA

NHK Engineering Services, Inc.
Tokyo, Japan
For contributions to integrated digital broadcasting systems.

HIROSHI NOZAWA

Kyoto University
Kyoto City, Kyoto, Japan
For contributions to nonvolatile semiconductor memories.

TAKASHI OHIRA

Advanced Telecommunications Research Institute International
Soraku-gun, Kyoto, Japan
For contributions to variable microwave signal processing circuits and antennas.

SURENDRA PAL

ISRO Satellite Centre
Bangalore, Karnataka, India
For contributions to space-borne communication systems.

S. RAMADORAI

Tata Consultancy Services
Mumbai, Maharashtra, India
For leadership in the development of multidisciplinary software solutions.

VICTOR RYZHII

University of Aizu
Fukushima, Japan
For contributions to the development of quantum well infrared photodetectors and quantum dot infrared photodetectors.

NOBUHIKO SAWAKI

Nagoya University
Chikusa-ku, Nagoya, Japan
For contributions to the development of group III-nitride semiconductor materials and devices.

TOSHIO SUDO

Toshiba Corporation
Yokohama, Japan
For contributions to high-density packaging.

NOROBU SUGAMURA

NTT
Kyoto, Japan
For contributions to speech compression and speech recognition.

TOSHI TAKAMORI

Kobe University
Kobe, Hyogo, Japan
For contributions to robotic and mechatronic systems.

TIENIU TAN

Institute of Automation, Chinese Academy of Sciences
Beijing, China
For contributions to pattern recognition research and applications.

YUAN YAN TANG

Hong Kong Baptist University
Hong Kong, China
For contributions to wavelet analysis to pattern recognition and document analysis.

KAZUO TANIE

National Institute of Advanced Industrial Science & Technology
Tsukuba, Ibaraki, Japan
For contributions to humanoid and human friendly robotics.

OSAMU TOMISAWA

Mitsubishi Electric Corporation
Itami, Hyogo, Japan
For contributions to low power, high speed integrated circuits.

YOZO UTSUMI

National Defense Academy of Japan
Yokosuka, Kanagawa, Japan
For leadership in microwave circuit technology for direct broadcast satellite and high definition television.

CHENG-WEN WU

National Tsing Hua University
Hsinchu, Taiwan
For contributions to design and test of array structures.

SEICHI YAMAMOTO

ATR Spoken Language Translation Research
Labs
Kyoto, Japan
For leadership in the development of spoken language communication systems.

DANIEL SO YEUNG

The Hong Kong Polytechnic University
Hung Hom, Kowloon, Hong Kong
For contributions to sensitivity analysis of neural networks and fuzzy expert systems.

KATSUMI YOSHINO

Osaka University
Suita, Osaka, Japan
For contributions to organal electronic and optoelectronic materials.

KEN-ICHI YUKIMATSU

Akita University
Akita-shi, Akita, Japan
For contributions to photonic switching technologies system.

HONG-JIANG ZHANG

Microsoft Research Asia
Beijing, China
For contributions to media computing and leadership in content-based visual media analysis, retrieval and browsing.

ALBERT Y. ZOMAYA

The University of Sydney
New South Wales, Australia
For contributions to the solution of scheduling problems in parallel computing systems.

Financial Advantage Program

The IEEE Financial Advantage Program (FAP) provides value-added benefits to IEEE members. Launched on September 1, 1993, FAP was designed to centrally locate all personal non-technical benefits under one umbrella.

Although many of the products and services offered are only available in certain locations, the entire membership benefits from the program. Since its inception, IEEE FAP has generated US\$23 million of non-dues revenue stream back to the organization, helping to fund programs and services for the general membership. This equates to a total dues savings of US\$100* per member over the last 10 years.

In Region 10, FAP offers the following services:

- International Accident and Medical Insurance:

Five distinct plans offering insurance coverage for accidents and sickness, emergency medical evacuation and repatriation when traveling across country or around the world.

- Non-US Investment Program

Providing an investment option for members through Solomon Smith Barney with an initial investment of US\$2,500.

- Car Rental: Services offered through Avis, Budget and Hertz.
- IEEE Travel Services The IEEE full service travel agency has recently been enhanced to provide even more competitive pricing on your travel needs.

To learn more about the IEEE Financial Advantage Program and these services, please visit us on the web at <http://www.ieee.org/fap>.

*Higher grade members, does not include life members, students or special circumstance.

IEEE REGION 10 - EXECUTIVE COMMITTEE 2004

		
Director - Jung-Uck Seo	Past Director - Teck Seng Low	Director Elect - Seeichi Takeuchi
		
Secretary -Yong-Jin Park	Treasurer - Dae-Young Kim	Awards Coordinator: Y.W. Liu
		
Chapter /Section & Strategic Planning Coordinator: Lawrence.W.C. Wong	Educational Activities & Recognized Education Program Coordinator: Aki Nishihara	Electronic Communication Coordinator: Kae Dal Kwack
		
GOLD Representative: Tuptim Angkaew	Membership Development Coordinator: S.V Sankaran	Newsletter Editor: Harry McDonald
		
Regional Chapter Coordinator: Miki Yamamoto	Regional Conference Coordinator: Janina. Mazierska	Technical Activities Coordinator: Tee Hiang Cheng

		
Student Activities Coordinator: Marzuki Bin Khalid	R 10 Student Representative** Darrel Sau Foong Chong	IEEE Asia Pacific Office** Manager Fanny Su

****Note: R10 Student rep and IEEE APO Manager included but are not Excom members**

2004 Region 10 EXCOM member contacts;

Director: Jung Uck Seo	juseo@ieee.org
Immediate Past Director: T. S. Low	elelowts@nus.edu.sg
Director-Elect : S. Takeuchi	takeuchi@dendai.ac.jp
Secretary: Yong-Jin Park	park@hyuee.hanyang.ac.kr
Treasurer: Dae Young Kim	dykim@cnu.ac.kr
Awards Coordinator: Y.W. Liu	y.liu@ieee.org
Chapter /Section Coordinator: L.W.C. Wong	lwong@i2r.a-star.edu.sg
Educational Activities Coordinator: A. Nishihara	aki@ec.ss.titech.ac.jp
Electronic Communication Coordinator: Kae Dal Kwack	kwack@hanyang.ac.kr
GOLD Representative: Tuptim Angkaew	feetak@kankrow.eng.chula.ac.th
Membership Development Coordinator: S.V Sankaran	svsan@ieee.org
Newsletter Editor: Harry McDonald	harry.mcdonald@ieee.org
Regional Chapter Coordinator: M. Yamamoto	yamamoto@comm.eng.osaka-u.ac.jp
Regional Conference Coordinator: J. Mazierska	j.mazierska@ieee.org
Technical Activities Coordinator: Tee Hiang Cheng	ethcheng@ntu.edu.sg
Recognized Education Program Coordinator: A. Nishihara	aki@ec.ss.titech.ac.jp
Student Activities Coordinator: M.B. Khalid	mazuki@utm.my
Strategic Planning Coordinator: L.W.C. Wong	lwong@i2r.a-star.edu.sg

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

Editorial Deadline

7th May 2004

6th Aug 2004

4th Nov 2004

4th Feb 2005

Newsletter Target Issue Date

28th May 2004

27th Aug 2004

22nd Nov 2004

18th Feb 2005

IEEE CONFERENCES IN REGION 10 DURING THE PERIOD 1st APRIL 2004 - 30th JUNE 2004

April 2004

2004 IEEE International Conference on Electric Utility
Deregulation and Restructuring and Power Technologies
(DRPT)

Hong Kong, China, 05 Apr - 08 Apr 2004

<http://www.ieee.org.hk/drpt2004>

2004 Cool Chips VII

Yokohama, Japan, 14 Apr - 16 Apr 2004

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

NOMS 2004 - 2004 IEEE Network Operations and
Management Symposium

Seoul, Korea, 19 Apr - 23 Apr 2004

<http://www.noms2004.org>

2004 International Conference on the Business of
Electronic Product Reliability and Liability (EPRL)

Shanghai, China, 27 Apr - 30 Apr 2004

http://www.ee.cityu.edu.hk/~ieee_con/

May 2004

2004 International Workshop on Ultra Wideband Systems
(IWUWBS)

Kyoto, Japan, 19 May - 21 May 2004

<http://www.iwuwbs2004.org>

2004 IEEE Symposium on Bioinformatics and
Biomedical Engineering - BIBE

Taichung, Taiwan, 19 May - 21 May 2004

<http://bibe2004.ece.uci.edu/>

2004 IEEE International Symposium on Power
Semiconductor Devices & IC's (ISPSD)

Kitakyushu, Japan, 24 May - 27 May 2004

<http://www.ieee.org/organizations/society/eds/>

2004 8th International Conference on Computer
Supported Cooperative Work in Design (CSCWD)

Xiamen, China, RESCHEDULED from Oct. 2003 to 26
May - 28 May 2004

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

2004 IEEE 10th Workshop on Future Trends of
Distributed Computing Systems - FTDCS

Suzhou, China, 26 May - 28 May 2004

<http://www.cercs.gatech.edu/ftdcs2004/>

2004 IEEE 6th CAS Symposium on Emerging
Technologies: Frontiers of Mobile and Wireless
Communication

Shanghai, China, (RESCHEDULED from 15 OCT 2003
to 31 May - 02 Jun 2004

<http://mwc.ee.nd.edu/>

2004 IEEE 16th International Conference on Indium
Phosphide & Related Materials (IPRM)

Kagoshima, Japan, 31 May - 04 Jun 2004

<http://www.iprm.jp/>

June 2004

2004 International Networking and Communications
Conference (INCC)

Lahore, Pakistan, 11 Jun - 14 Jun 2004

<http://ravi.lums.edu.pk/iecc/incc2004/index.htm>

2004 5th World Congress on Intelligent Control and
Automation (WCICA 2004)

Hongzhou, China, 14 Jun - 18 Jun 2004

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

2004 2nd IEEE/EMBS International Summer School on
Medical Devices and Biosensors (ISSS-MDBS 2004)

Hong Kong, China, 26 Jun - 02 Jul 2004

<http://bme.ee.cuhk.edu.hk/iss-mdb>

2004 2nd IEEE Workshop on Image and Video
Registration (IVR)

Taipei, Taiwan, 27 Jun - 02 Jul 2004

<http://www.cs.engr.cny.cuny.edu/~zhu/IVR2004>

2004 IEEE International Conference on Multimedia and
Expo (ICME)

Taipei, Taiwan, 27 Jun - 30 Jun 2004

<http://www.mine.tku.edu.tw/icme04/>

2004 International Conference of Communications,
Circuits and Systems (ICCCAS)

Chengdu, China, 27 Jun - 29 Jun 2004

<http://icccas04.uestc.edu.cn>

2004 Workshop on Enterprise Networking and Computing
in Healthcare Industry (Healthcom 2004)

Kanagawa, Japan, 28 Jun - 29 Jun 2004

<http://www.ets8.jp/healthcom2004/>

**For the most up to date information about IEEE Region
10 and all other IEEE conference schedules and details
please visit:**

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

Call For Papers INMIC2004

The National University of Computer and Emerging Sciences at Lahore, Pakistan, is organizing INMIC2004, December 24-26, 2004, in collaboration with IEEE Lahore Section.

INMIC is held every year and INMIC2004 will be the 8th in the series. The conference focuses on research presentations by both academic/professional researchers as well as students and will provide them a forum for exchange and synergy from their different backgrounds with the common interest in latest trends of Computer Sciences, Electrical Engineering, Communications & related disciplines.

Scope: You are invited to submit original papers addressing topics in all areas of latest technologies coming under the domain of IEEE. Relevant topics include, but are not limited to the technical subject categories listed

Algorithms, Tools & Applications	Microwave Devices and Circuits
Artificial Intelligence/Genetic Algorithms	Modeling & Simulation
Automation and Control Systems	Natural Language Processing
Communication Systems & Techniques	Power Devices and Systems
Computer Networks and Security	Reliability Issues
Databases and Warehousing	Software Engineering
Digital Signal Processing	Software Project Management
Electronic Devices	Speech/ Image, and Video Processing
Embedded Systems	Local Language Computing

The conference also includes a series of tutorials enabling participants to learn about the latest trends and technologies. Attendees/presenters are welcome from all parts of the world to participate in the event.

Submission Guidelines: Papers' length should not exceed 6 pages. The paper must be submitted in IEEE format. Further details are available at web site: <http://www.nu.edu.pk/inmic2004>

Submission of Papers	May 31, 2004
Acceptance Notification	July 31, 2004
Camera-Ready Paper Due	August 31, 2004
Tutorial Proposals Due	August 31, 2004
Tutorial Proposal Acceptance	September 30, 2004
Registration for Authors	October 15, 2004
Conference Dates	December 24-26, 2004

For any queries or further information please feel free to contact to inmic2004@nu.edu.pk or

Visit us: www.nu.edu.pk/inmic2004

Some Important Conferences coming up in Australia

5th Biennial Asian Control Conference, 20-23 July, 2004, Melbourne

<http://ascc2004.ee.mu.oz.au>

8th IEEE International Symposium on Spread Spectrum Techniques, Applications (ISSSTA)

30 August - 2 September, 2004, Sydney

<http://www.isssta2004.org>

IEEE International Symposium on Information Theory (ISIT)

4-9 September, 2005, Adelaide

<http://www.informationtheory.net/conference>

The IEEE Member Digital Library Seek, Discover. Innovate

The IEEE Member Digital Library brings you access to IEEE journals, magazines, transactions, letters or conference papers published today or in the last five years. Full text access with one convenient subscription.

To subscribe or find out more, visit;

www.ieee.org/ieeemdl

NEWS FROM IEEE EDUCATIONAL ACTIVITIES AND THE HISTORY CENTRE

REMINDER: CALL FOR 2004 EAB AWARD NOMINATIONS

The IEEE Educational Activities Board is accepting nominations for the 2004 IEEE EAB Awards. Complete information and nomination forms are provided on the IEEE EAB Awards web site at <http://www.ieee.org/organizations/eab/arc/awards/callnominations.htm>.

The deadline for nominations is 30 April 2004. Award names and descriptions are provided on the web at <http://www.ieee.org/organizations/eab/arc/awards/descriptions.htm>.

IEEE MEMBER NEWSPAPER IS PUBLISHED ONLINE

'The Institute', the IEEE member newspaper, will publish 16 issues this year:

Quarterly print issues will arrive in the mail beginning with the March issue of IEEE Spectrum. New online editions of The Institute will be published by the 7th of every month, and IEEE members will receive an email alert when each issue has been posted.

Members who have not already received the alert may sign up for the service by providing an email address at the "Update Your Address or Contact Info" link at:

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

Read the online issue of 'The Institute' now at <http://www.ieee.org/theinstitute>>

*****Sign up for your free IEEE Email Alias***** - complete with virus scanning software -
www.ieee.org/alias

Cultural Diversity - Anecdotes and Experiences

I would like to receive contributions from IEEE members around the region that demonstrate the richness and diversity of our cultures and practices. On some occasions gestures, etiquette etc can cause unintentional offence to others. For many of our members who are traveling to a foreign land, perhaps for the first time, some hints and tips can help them overcome embarrassment and confusion.

There are some web sites that consider cultural etiquette and I would like to receive real examples that may have caught your attention or even provided some light hearted entertainment,