From the Regional Director

Hallo, Hallo!

The primary reason why electrical engineers in Region 8 join the IEEE is to obtain personal access to its Publications and Standards; a secondary reason is to participate in Meetings and Conferences. Membership growth in the Regions outside the North America has strengthened the international image of the Institute, and membership of the IEEE is considered a recognition of professional status.

Increasing the Number of Chapters

In order to serve the needs of members living in those countries that make up the Region, the Societies and the Regional Committee encourage the establishment of both new chapters and new sections.

According to the Bylaws a petition for the formation of a section shall be signed by at least 50 members other than students. The Director will only recommend the formation of a section when there is a group of members able to stimulate support sufficient to ensure the viability of the proposed section.

Twelve signatures are sufficient for the establishment of a chapter, provided that there is a section willing to approve it. In countries where a section is not established, it is possible to associate a chapter with a section in a neighbouring country.

In September the Electronic Devices Society invited all chapter chairs to a Region 8 Chapters meeting in The Hague. Of 25 EDS Chapters 17 are joint chapters with the Antennas & Propagation Society, the Microwave Theory and Techniques Society and/or the Communications Society. Within the last year six new chapters were formed in East European Countries, where interest is high; the difficulties of paying membership dues are obvious.

The Region 8 Committee wishes to strengthen section and chapter activities in the Region. International workshops are already organized by many Societies, but Workshops and Summer Schools could be joint ventures between the Region, the sections and the Societies, the Chapters being responsible for the technical level. By choosing the location for such events carefully, it should be possible to attract participants within a radius of 100 km for a workshop or summer school, thereby reducing transportation costs. The topic for these events must be central to the chapter in charge, and the programme must include local specialists as well as Distinguished Speakers from the relevant Society. Budapest, Prague, St. Petersburg and Warsaw might be suitable locations. All sections and chapters could consider this proposal; comments would be welcome.

Organisational Improvement

All sections have received the material prepared by the IEEE for improving the Institute’s organisation; the Regional Director has had some feedback from the section chairs at the last Regional Committee meeting. From the members’ point of view, membership services, including renewals, publications and meetings are essential. The organisational structure of the higher levels of the IEEE is of minor interest so long as the Member Services are performed effectively. With the consequences of the reorganization of the IEEE Information System clearly in mind, radical changes in the Organizational Structure must be avoided. We are convinced that the present structure must remain unchanged, and that minor modifications to the its organisation will accomplish the desired objectives regarding Membership Services.

The final choice among the four scenarios will be made by the Board of Directors in December 1995: membership renewal procedures too should be investigated. How can the peak load in October- December be distributed throughout the year? Rolling membership periods can easily be administered in a modern Information System. If desired, journal back issues could be provided from the beginning of a year; the membership period would then be the calendar year. If membership dues are not paid in time, for the following three months a member should be reminded twice, during which period full services would be maintained. In this way termination of membership would be made quarterly, and all members would pay full annual dues and fees.

The Brussels Office

The aim of the IEEE “Satellite” offices in Brussels is to decentralize membership services. For Region 8 members it is attractive to contact the Brussels office, provided that there is an “on-line” operational connection to the Information System in Piscataway. It must be possible to change society memberships and subscriptions fast and effectively, to obtain instant information about membership status and to order publications and Press Books from stock in Brussels. The Brussels office staff should be increased but in the long term, decentralisation would reduce the cost of Membership Services.

Editorial Committee for Region 8 News

The Region 8 Committee has for some time discussed ways to support the Editor of Region 8 News, Mick Byford in his remarkable efforts to improve the content and the layout of the “News”. It was decided that an Editorial Advisory Committee should be formed in order to assist the Editor by providing material of interest to Region 8 News readers. Mick Byford has demonstrated a remarkable dedication to the development of Region 8 News, but we must be prepared in due course to find a successor... I strongly encourage members in our Region to volunteer for service on the Editorial Advisory Committee.

EDS Region 8 Chapters Meeting

The IEEE Electron Devices Society invited all chapter chairs in Region 8 to the 3rd Chapters meeting in The Hague on September 24 1995 - held in conjunction with the European Solid-State Device Research Conference. As the EDS has had...
The Undergraduate Student Paper Contest 1996

The contest will be associated with MELECON 96 in Bari, Italy, May 13-16th. Submissions must reach me by 15th December. An international jury will judge and rank the papers; the authors of the best will be invited to Bari. The travel and accommodation expenses of one author for each invited paper will be paid by Region 8. The winners of the 1995 contest were:

1st - "Analog Design and Realisation of a Kohonen Map using SO!- Technology" by Henri de la Vale Poussin and Thierry Delmot - Belgium.

2nd - "The Use of Acoustic Resonance in Measuring the Level of Fluids" by Denis Donlagic - Slovenia.

3rd - "Non-linear Perceptual Post Processing of Noisy Digital Pictures" by Olivier Bruyndoncx, Belgium

Communication

The communication problem was the principal issue at the spring '95 meeting of the SAC. If you are willing to construct your own web-page and do not have sufficient disk capacity, please contact sb.bilkent@ieee.org

Student Branch Grants

Region 8 allocates funds to support student activities in the Region; if you have plans for some activities and you need additional funds, please apply to me in advance - at least two months notice is necessary.

Lend a Hand

For a variety of reasons there may be students with no branch; would you be willing to lend them a hand to prepare the initial paperwork so that they could form a branch; you could receive $200 US for your own branch.

Chairman Student Activities: Prof. Levent Onural, Electrical Engineering Dept., Bilkent University TR-06533 Ankara, Turkey. Tel: +90 312 266 4307. Fax: +90 312 266 4126 E-mail: lonural@ieee.org

International Conference on Technology Management: University/Industry/Government Collaboration - U I G ' 9 6

June 24-26 1996, Istanbul, Turkey

Organized by:
UNESCO Chair on Mechatronics at Boğaziçi University,
Under the Patronage of
His Excellency Süleyman Demirel, President of the Republic of Turkey

Within the Framework of:
UNESCO UNISPAR (University-Industry-Science Partnership) Program

Objectives and the Theme

The main objective of this conference is to explore the means and instruments to establish effective and lasting University/Industry/Government collaboration in technology management and to present case studies in this respect. The barriers that may hinder such a fruitful collaboration will also be deliberated upon.

The scope of the conference will include -but not be limited to- the following: Development and management of institutions such as industrial parks, high-tech corridors and incubators, R&D incentives and technology transfer mechanisms for small and medium sized firms, entrepreneurship and financial instruments, transfer and diffusion of technology, development of R&D consortia, development of legal and procedural frameworks, management of innovation, technological systems, projects and engineers and scientists, and environmentally sound technologies. For more information, please contact: UNESCO Chair on Mechatronics at Boğaziçi University, Fax: +90-212-287 2465, e-mail: kaynak@boun.edu.tr.

Abstracts are due by: 5 January 1996
Notification of Acceptance: 1 March 1996
Full Papers are due by: 21 April 1996

The student branch at the University of Bahrain was approved by the Regional Activities Board a few months ago. The Branch has organised some activities and is planning others as listed below.

Previous Activities

- Seminar on "World Wide Web & the Information Super Highway"
- A visit to the Power Station of Bahrain Aluminium Company - ALBA.
- A visit to ABB ARESCON E.C. for process automation in Bahrain

Forthcoming Activities

A visit to King Saud University in Riyadh (Saudi Arabia) will take place either in November 1995 or April 1996. The programme will be as follows:

- Visiting the research centre at the University
- Visiting the Al-Janadreya earth station in Riyadh, for the ARABSAT satellite
- Visiting the Advanced Micro-electronic Company at Riyadh
- Holding some meetings with IEEE Student Branch members at the University

Some members will be sponsored to attend the first Bahrain International Conference on Computers in Industry. Between 6-89th November 1995.

Scheduled seminars every two weeks starting from October 1995: presented by University Instructors, Engineers from Industry and the branch students.

Scheduled visits to various companies. Currently the branch is working on the organisation of the "First Student Projects Symposium on Electrical, Electronics Engineering and Computer Science" which will take place on 2nd May 1996. The branch looks forward to joint cooperation with other student branches, especially in GCC countries. Student Branch Chairman: Mr. Jassim Al-Hamad, University of Bahrain, College of Engineering, Dept of Electrical Engineering, PO Box 32038, Isa Town- State of Bahrain Tel: 688308. Fax: 686300

The procedure for the establishment of an Engineering Management Society chapter is almost completed. The first event of this new chapter will be to extend technical co-operation to a UNESCO sponsored meeting: "International Conference on Technology Management" University/Industry/Government Collaboration-U I N G ' 9 6 will be held in Istanbul, during June 24-26, 1996 under the patronage of His Excellency Süleyman Demirel, President of the Republic of Turkey. If you are interested in this event, please send a message to unig@boun.edu.tr or a fax to +90-212-287 24 65.

Chapter Chairman: Dr. Mehmet A. Tan, Bilkent University, EE Dept TR-06533 Bilkent, Ankara, Turkey. Tel: +90 312 266 4126 Fax: +90 312 266 4126. E-mail: m.tan@ieee.org

Turkey

By Dr. Ayhan Altintas.

Much to our regret, our Section Chairman Dr. Mehmet Ali Tan had to leave our Section; since he has obtained a new job in California. We wish him all the best in the New World, and we will remember him for all his dedicated work for the IEEE Turkey Section.

Two important pieces of news for our section are the awards received by our members, Prof. Bulent Orençik (from ITU Istanbul) has received the Outstanding Branch Counsellor Award and Mr. Ayhan Bozkurt (from Bilkent University, Ankara) has received the Larry K. Wilson Award.
Membership Development 1996
By Professor Dr. -Ing. Walter E. Proebster

The key goal of Membership Developments is to maintain and improve the service to IEEE members; to which end the recruitment of new members is of the utmost importance; only in this way can we draw upon an increasingly wide pool of expertise which new entrants can share with us.

The centre two pages of this issue of Region 8 News contain an application form for 1996. You will notice that the form applies to both post graduate members and to students; it contains for the first time a complete list of all the magazines, transactions and technical journals published by the IEEE Societies, all of these are available at reduced prices to Society members. The importance of this new approach is that almost all of our members join the IEEE because of the quality of its publications.

Please try to recruit at least one new member. As an incentive, prizes will be awarded to those members who are most successful in fulfilling the goals of this membership drive - just add your name and membership number to the foot of the last page of the form. If you need more information, please contact me.

Posti Address: Prof Dr.-lng. Walter E. Proebster, Perlacherstr 42, D-82031 Germany. Fax: +49 89 6411 760. E-mail: w.proebstf@ieee.org

Industrial Sensor Systems

This agreement was signed on August 16th 1995 by the SAIEE President Marie Davidson and the Region 8 Director Peer Martin Larsen. The Agreement outlines the advantages for members of both Societies as Visiting Members, Joint Activities, Coordination of Technical Meetings, Publications Exchange, Standards Information, and discounts on membership dues for members of both institutions.

Peer Martin Larsen - Director Region 8

Full Professor

Silicon Technology and Submicron Processing.
The Technische Universität Wien, Vienna, Austria, Department of Electrical Engineering, invites applications for the newly endowed position of

Full Professor
Semiconductor Technology

The holder of the chair will be responsible for both teaching (English/German) and research. The successful applicant should have extensive experience in Silicon Technology and Submicron Processing. Outstanding scientific qualifications, teaching abilities, and industrial or industry-related activities are essential. A Ph.D. in electrical engineering or in related areas is a formal requirement (A working knowledge of German would be appreciated).

The Technische Universität Wien is an equal opportunity employer and strongly invites women to apply.

Send applications, including curriculum vitae, list of publications, reprints of three significant articles, and the two most recent articles, list of courses held (if applicable), and a summary of current research activities to Prof. Dr. Alexander Weinmann, Dean, Department of E.E., T.U.Wien, Gusshausstraße 27-29/350, A1040 Wien, Austria, not later than February 15, 1996. Fax: +43-1-505 89 07, email: weinmann@iert.tuwien.ac.at

Apart from the increase in the number of chapters in Region 8: from 8 to 25 since 1993, EDS wants to ensure that new chapters are successful and in general support the activities of the Region. The Director expressed his appreciation of the EDS Regional support and the importance of close cooperation between the chapters in the Region, he suggested that the Region and the Societies should organise joint Regional Workshops and Summer Schools with local Chapters.

Agreement with National Societies

In several countries the IEEE has an agreement with the National Electrical Engineering Society. The IEEE President is systematically seeking new national partners, because the Institute wishes both to improve relations with national societies and to stimulate joint memberships.

Industrial Sensor Systems

The holder of the chair will be responsible for both teaching (English/German) and research. The prospective candidate is expected to have extensive experience in the area of Industrial Electronics with an emphasis on Sensors. Outstanding scientific qualifications, teaching abilities, and industrial or industry-related research activities are essential. A Ph.D. degree in electrical engineering or in a related area is required. (A working knowledge of German will be appreciated).

The Technische Universität Wien is an equal opportunity employer and strongly invites women to apply.

Send applications including curriculum vitae, a list of publications, reprints of three significant articles, and the two most recent articles, list of courses held (if applicable) and a summary of current research activities to Prof. Dr. Alexander Weinmann, Dean, Department of EE, T.U.Wien, Gusshausstraße 27-29/350 A1040 Wien, Austria, not later than February 15, 1996.

Fax: +43-1-505 89 07. E-mail: weinmann@iert.tuwien.ac.at

President Marie Davidson of the South Africa Institute of Electrical Engineers and Professor Peer Martin Larsen of the IEEE sign the agreement between the two institutions
Voluntary Contributions Fund

The Region 8 Committee is again asking members in our Region to make a voluntary contribution when renewing their membership this year; this is to enable us to provide financial assistance to Sections in Central and Eastern Europe.

In the past two years Region 8 has matched the funds donated by members and has paid for IEEE books and journals to be sent to 15 libraries in countries ranging from Albania and Belarus, to Latvia, Romania and Russia. We have also helped members to attend conferences and made grants towards the establishment of Section offices in Budapest and Moscow. Last year over 500 members contributed an average of $10. Please give us your support.

C.W. Turner
Past Director Region 8 IEEE

Region 8 News is not an official publication of the Institute of Electrical & Electronics Engineers. The views expressed are those of the authors.

Surplus IEEE Publications for East Europe

To: Professor C.W. Turner, Dept of Electrical and Electronic Engineering, King's College, Strand, London, England WC2R 2LS. Fax: +44 171 836 4781

I wish to donate to a library in Central & Eastern Europe, publications for which I no longer have a need; (a) on this single occasion or (b) regularly (please delete as appropriate). Below I have marked those Societies whose publications I can send; please let me have details of a library which the Region 8 survey indicates would benefit from receiving them.

Please print in block capitals

Title, Initials and Name
Address
Tel No.

Technical Societies S-Code
Aerospace, Electronic Systems 010
Antennas & Propagation 003
Broadcast Technology 002
Circuits & Systems 004
Communications 019
Components, Packaging, Manuf. Tech 021
Computer 016
Oceanic Engineering 022
Control Systems 023
Power Engineering 031
Electromag. Compatibility 024
Electron Devices 015
Engineering Management 014
Engineering in Medicine 018
Geosciences & Remote Ind. 029
Industrial Electronics 013
Industry Applications 034
Information Theory 012
Instrumentation, Measure. 009
Lasers & Electro-optics 036
Magnetics 033
Microwave Theory, Tech. 017
Nuclear & Plasma Sci. 005
Consumer Electronics 008
Power Electronics 035
Dielectrics & Elect. Ins. 032
Education 025
Robotics & Automation 024
Signal Processing 001
Social Implications of Tech. 030
Systems, Man and Cyber. 028
Ultrasonic, Ferroelec. Etc 020
Vehicular Technology 006
Reliability 007

Day 1 5th February, a.m.
Panel Discussion: "What is the Wireless Multi-Media?"
Organiser: Juha Rapeli - Nokia Mobile Phones

p.m. European point of view and activities
Organiser: Hamid Aghvami - King's College London

Evening Social Event

Day 2. 6th February a.m.
"North American points of view and activities"
Organiser: Dipankar Raychaudhuri - NEC USA

p.m. Japanese points or view and activities
Organiser Ryuji Kohno - Yokohama National University

This is a unique opportunity to hear what is happening all over the world from those who are doing it. A detailed programme is available; to obtain a copy and a registration form contact:

Dr. Babak Jafarian, Centre for Telecommunications Research, King's College London, Strand London, WC2R 2LS. Tel: +44 171 873 2898.
Fax: +44 171 873 2664 E-mail: babak@eee.kcl.ac.uk
Slovenia
By Professor Baldomir Zajc
The Fourth Electrotechnical and Computer Conference - ERK’95 was held on September 25-27, 1995 in Portoroz, Slovenia.
This is becoming an every-year meeting of professionals from different fields and the event is serving to foster cross-fertilisation among the interests of the many professional societies in this country.
Apart from an overview of this year's research results there were also several invited papers dealing with continuing education, round tables discussing a variety of interesting subjects, amongst which were professional and technological questions, international cooperation educational programmes, finances, employment and so on.
As more and more authors come to the conference, we see that a forum is needed where researchers present their work, discuss subjects of common interest and consider future scientific projects. Young scientists want to acquire confidence and practice the presentation of their work to a wider scientific audience.
The programme of the Conference was divided into twelve special­ized groups, among which were:
Electronics, Telecommunications, Control and Simulation, Identification, Modelling, Power Engineering and Measurements: these papers appeared in Volume A of the Conference Proceedings. In Volume B were: Computer and Informatics Science, Artificial Intelligence, Robotics, Pattern Recognition, Biomedical Engineering and Numerical Methods. In all there were 31 sessions and 248 accepted papers.
Participants from industry were interested in the results of research work reported at the Conference; R & D is beginning to appreciate the fields in which research is required, and then transferring them to industry, with additional discussion on the decisions which have to be taken in the interests of employment. The E.R.K. Conference is the ERK is the electrical and computer congress of this country.
Section Chairman: Prof. Baldomir Zajc, Fakulteta za Elektrotechniko, Trzaska 25, 61000 Ljubljana, Slovenia. Tel: +386 61 176 8439. Fax: +386 61 126 4630. E-mail: b.zajc@ieee.org

Bulgaria
By Dr. Hristo Hristov
For some years many Bulgarian engineers have been individual members of the IEEE. After a petition was signed by 57 members the Bulgaria Section was approved in June this year. In the meantime a Joint Chapter MT T/EC was also approved. The Section Bylaws were prepared and submitted for approval.
Contact was established with the National Union of Electrical and Electronics Engineers. The near future activities of the Section and the Chapter are the election of a Section Committee, and membership development. The contact address of the Section and the Chapter is:
Dr. Jordan Kolev, Interim Chair of the Bulgaria Section, E-mail: k114@tu-varna.bg Hristo Hristov, Interim Chair of the Joint Chapter MTT/ED. E-mail: hristov@radio.tu-varna.bg

Greece - 25th Anniversary
By Professor George Stassinopoulos
The Greece Section celebrates this year its first 25 years of existence. On November 13th we shall have the honour and pleasure of hearing our invited speaker Professor Michael Athans of M.I.T.
"Control: The Adventure Continues"
At a small reception to follow the lecture, past chairmen and members will exchange ideas about the past and future plans for our Section.
Section Chairman: Professor George Stassinopoulos, National Technical University of Athens, Division of Computer Science, Heroon Polytechniou 9, 15773 Zografu, Athens Greece. Tel: +30 1 772 25 31. Fax: +30 1 772 25 34. E-mail: g.stassinopoulos@ieee.org

UKRI (MTT/ED/AP/LEO chapter)
By Mr. Terry H. Oxley
Attention is drawn to the following Chapter events of international interest:--
• Three consecutive Microwave/Ophtoelectronic one-day events planned cooperatively by the IEEE and the national IEE:
  • Monday 27th November 1995. “EDMO95” at King’s College London. 3rd International Workshop on “High Performance Electron Devices for Microwave & Ophtoelectronic Applications”. Registration and programme information is available from Dr. Ali A. Rezazadeh, Dept. of Electronic & Electrical Engineering, King’s College, Strand, London WC2R 2LS UK. Tel: +44 171-873-2879. Fax: +44 171-836-4781. E-mail:a.rezazadeh@bay.cc.kcl.ac.uk
  • Tuesday 28th November 1995 “MMIC Design” at IEE Savoy Place, London. 2nd Tutorial Colloquium on the design of MMIC circuits. Registration and programme information is available from Ms Alison Dewhurst, Electronics Division, IEE Savoy Place, London WC2R OBL. Tel: +44-171-344-5423. Fax: +44-171-497-3633. E-mail:adewhurst@iee.org.uk.
  • Wednesday 29th November 1995 “M3COM” at IEE Savoy Place, London. Workshop on “Microwave & Millimetrewave Communications - the wireless revolution” Registration and programme information is available from Dr. I. D. Robertson, The Communications Research Group, Dept. of Electrical Engineering King’s College, Strand London WC2R 2LS UK. Tel: +44 171-873-2523. Fax:+44-171-836-4781. E-mail:udee206@bay.cc.kcl.ac.uk.
• Two-day event planned cooperatively by the Chapter and ISHM-UK:
For further information please contact the Chapter Chair­man: Mr. Terry H Oxley, “Tremont”, Back Lane, Halam, Southwell, Newark, Notts NG22 8AG. Tel:+44 1636-815510. Fax:+44 1636-815865.
Chapter Coordination Committee
by Professor Basil Papadias

The Chapter Co-ordination Committee is entering a period of maturity and this is reflected in its current activities. Annual meetings of Chapter Chairmen are regular events in all coordinated Chapter sectors, this being a positive and fundamental step in the progress of coordination. Links with the relevant Societies are strengthening, all Chapter Coordinators attending the AdBd or ExBd meetings of their Societies, once every year, principally held in U.S.A. Almost all Chapter Co-ordinators draw funds from their Societies to support, totally or partially the annual Chapter Chairmen’s meetings.

By September 15th, 10 new Chapters were established in the Region mainly ED and MTT; 5 are in Russia, Ukraine, Bulgaria and Hungary. The total number of Chapters in the Region now 136, of which 27 were established during the last 12 months - a 25% increase.

There has been a considerable effort on the part of the Chapter Coordinators to initiate Chapter activity in the central and eastern European countries where the IEEE was either minimal or non-existent. The MTT Society has set up a 3-year scheme for establishing need adapters, in Russia, Ukraine and Bulgaria, the detailed plan providing for the creation of 6 joint MTT-ED chapters, on a 50-50 financial basis. The CCC, through Andre Vander Vorst, will support that activity by allocating $1200 US from the 1995 budget. Three Chapters have been established (Lithuania, Russia, and the Ukraine) and the other 3 (Bulgaria and two in Russia) are in formation.

Several petitions are under way for the establishment of new chapters (CAS chapter in France, PE chapters in Czechoslovakia, Hungary and Russia, ED chapter in Hungary). Close to formation are CAS chapters in Denmark, Spain and Portugal. There is some chance for the formation of CAS chapters in Warsaw and Budapest. There is also interest from former Soviet countries in organising Communication Chapters.

Annual Chapter Chairs meetings, of all coordinated chapters, were held during the year, organized by the Chapter Coordinators in various cities, in conjunction with International Conferences associated with the respective Societies. I refer to chapter meetings of MTT in Bologna, PE chapters in Stockholm last June, of the Electron Devices in the Hague, of the Industrial Electronics and Robotics Chapters in Istanbul, and of the Circuit Systems in Seattle. The PES has supported for the 5 last years the PE Chapter Chairs meetings of Region 8, by reimbursing the travel and accommodation expenses of the participants, with amounts up to $6,000 US annually.

These annual meetings help to develop contacts among chapters of different countries, help chapters improve their activities, coordinate their collaboration and contribute in the development of joint activities. Moreover, they establish platforms of common activities, and enable participants to share ideas and experience. Electronic mail has made the mechanics of Chapter Coordination much easier, but it cannot replace face-to-face meetings. Personal contacts, discussions, and the exchange of thoughts and experience, is a proven way of fostering understanding between societies belonging to different countries but sharing common targets and values. Chapter Chairmen need this and help: the annual Chapter Chairmen meetings provide them with information, how to obtain money from their Society, to prepare a report, to participate in the distinguished lecturers programme, and so on.

A central Chapter coordination may not solve every problem, but it helps assist the progress of Chapter activities. The number of chapters in the Region has shown a spectacular increase. The interest which the Societies take in their Chapters has increased and financial support has been forthcoming. An increase in the Chapter activities is already apparent; however, it takes time to develop fully. This effort is a long-term project - we are still working on the infrastructure.

Chairman: Prof. Basil Papadias, NTUA Elect. & Comp. Eng. Dept. 42, 28th October Str., 106 82 Athens, Greece. Fax: +30 1 3806504. Tel: +30 1 3800551 E-mail: papadias@kitiira.esd.ece.ntua.gr

Officers of the Region 8 Committee

Chairman: Prof. Peer Martin Larsen
Power Engineering Dept.
Tech University Denmark, Bygn 325, r130
DK-1200 Lyngby, Denmark

Past Director: Prof. Charles W. Turner
Electrical & Electronic Engineering Dept.
King’s College, Strand
London, England WC2R 2LS

Secretary: Mr. Basil W. Osborne
2, Wilmot Cottages
Park Road, Banstead
England SM7 3DH

Treasurer: Dr. Rolf A. Remshardt
Bussardstrasse 28
D-71032 Boeblingen
Germany

Tel: +45 45 88 61 11
Fax: +45 45 25 35 24
E-mail: p.larsen@ieee.org

Tel: +44 171 873 2438
Fax: +44 171 836 4781
E-mail: c.turner@ieee.org

Tel: +44 1737 356 213
Fax: +44 1737 356 213
E-mail: b.osborne@ieee.org

Tel: +49 7031 28 05 04
Fax: +49 7031 28 05 04
E-mail: r.remshardt@ieee.org

Opatija, Croatia
18-20 September 1996
41st Annual Conference
KoREMA 96
Organised by KoREMA, Sponsored by IMEKO. Co-sponsored by Ministry of Science Republic of Croatia. Co-op with IEEE Croatia Section. Contact: KoREMA 96 Secretariat, PO Box 473, HR-10000 Zagreb, Croatia. Fax: +385 1 6129870. E-mail: korema@ftr.hr.

An der Fakultät für Elektrotechnik der Technischen Universität Wien ist am Institut für Elektrische Meßtechnik ab 1. Okt. ’96 die Planstelle eines/einer

Ordentlichen Universitäts professors/professorin für

Elektrische Meß- und Schaltungs technik
(Nachfolge Prof. Patzelt) zu besetzen.

• Es wird eine Persönlichkeit gesucht, die dieses Fach in Lehre (Deutsch und Englisch) und Forschung vertritt. Mehrjährige Erfahrungen in einigen der folgenden Gebiete

Elektrische Meßtechnik und Meßsysteme,
Analoge und digitale Schaltungs technik,
EMV-gerechte Systemtechnik,
Qualitätssicherung.

eine hervorragende wissenschaftliche Qualifikation, didaktische Fähigkeiten und eine erfolgreiche industrielle oder industriennahe Forschungstätigkeit und Erfahrungen.

• Gesetzliche Ernennungskriterien sind: ein in- oder ausländisches fachkundiges Doktorat, eine in- oder ausländische fachkundige Lehrbefugnis oder eine gleichzustehende wissenschaftliche Befähigung und der Nachweis der pädagogischen Eignung.

• Die Technische Universität Wien strebt eine Erhöhung des Frauenanteils an ihrem Personalstand an und lädt daher fachkundig qualifizierte WissenschaftlerInnen ausdrücklich zur Bewerbung ein.

Bewerbungen sind bis 31. Dezember 1995 unter Beifügung eines Lebenslaufes, einer Liste der Publikationen und Vorträge, von Sonderdrucken der fünf wichtigsten Veröffentlichungen, gegebenenfalls einer Liste der abgehaltenen Lehrveranstaltungen und einer Übersicht der laufenden Forschungsuntersuchungen am Dekan der Fakultät für Elektrotechnik der Technischen Universität Wien, Prof. Dr. Alexander Weimann, Gußhausstraße 27-29/350, A-1040 Wien zu richten (Fax: ++43 1 505 89 07, email: weimann@iert.tuwien.ac.at).

Regional News November 1995 Page 6
Copy date for February - 10th January
Compte rendu de la dernière assemblée générale.

L'Assemblée Générale de la Section Française s'est tenue le jeudi 15 juin 1995 à 19 heures à la Maison des Polytechniciens, 12 rue de Poitiers, 75 007 Paris.

Le compte rendu de la précédente Assemblée Générale a été approuvé à l'unanimité.

Le rapport moral, présenté par M. Maurice PAPO, Président de la Section Française, a résumé les différentes activités de la Section pendant l'année 1994.

Le rapport financier, présenté par M. Jean-Gabriel HERRY, a reçu le quittance sur les comptes de l'année 1994.

M. Maurice PAPO a été retenu comme candidat pour la direction de la Région 8 par le Comité de Sélection.

Aucune élection pour la Section Française ne se tient en 1995 ; le mandat des membres du Bureau et du Conseil d'Administration étant valable pour l'année 1995.

Le dîner, qui a suivi l'AG, a réuni - comme d'habitude - les membres présents avec leur conjoints. M. Michel CARPENTIER, Directeur de la DG XIII à l'Union Européenne, a fait une intervention sur la politique de l'Europe en matière de Technologies de l'Information.

La prochaine Assemblée Générale aura lieu à la même période en 1996.

RECONNAISSANCE

Deux membres de la Section Française ont été nommés FELLOW : Hickmet SARI de la SAT, et Louis COATRIEURS de l'Université de Rennes 1

M. Claude GUGUEN a reçu une récompense (award) de l'IEEE pour la création d'EURECOM à Sophia Antipolis.

CHAPITRE EMC

Durant l'année 1995 - 1996, le Chapitre Français, Belgique et Luxembourgains de l'IEEE EMC et la SEE, Clus 25 (Waves & Signals), organisent les conférences suivantes :

- 19 décembre 1995 : " Controversial half-day ", journée de travail sur la mise en œuvre de recommandations EMS, avec la participation de M. Berthon (AERO), M. Perrin (LCIE), Dr. Mayer (LEAD et EMC-MAZE), M. Bryde (AXCEM), M. Charoy (EMC), M. Mardiguian (PRANA), M. Lagorsse (CRITT - CCS), un conseiller du Ministre de Commerce du Royaume Uni (et membre de l'Association de European Competent Bodies ), et la presse professionnelle française ;
- courant janvier - mars 1996 : " GTEM Cells and the EMC - Directives " , par Dr. Perry Wilson, ABB Research Laboratories ;

Les conférences ont lieu à l'ISEP - Institut Supérieur d'Electronique de Paris, Auditorium n°26, 28 rue Notre-Dame des Champs, 75 006 Paris, à l'exception de la conférence du 19 décembre qui se tiendra à la SEE, Salle n°2, 28 rue de la Procession, 75 724 Paris Cedex 15, à 15 h.

Pour toutes les informations, prière de contacter le Dr. Ferdy Mayer (IEEE EMC - S Chapitre) ; tél. : (1) 44 49 60 00 ; fax : (1) 44 49 60 49 ; ou Dr. Berthon (SEE Club 25), tél. 45 14 13 13.

LES ANCIENS DE LA RADIO ET DE L'ELECTRONIQUE vous invitent aux conférences suivantes :

- le 6 février 1996, sur " L'évolution de l'électronique automobile ", par J.L. POMMEREAU ;
- le 6 février 1996, sur " L'évolution de l'électronique automobile ", par J.L. POMMEREAU, conseiller de P.S.A.


Pour toute information, prière de contacter M. Henri Carpentier, tél. (1) 47 50 33 05 ; ou Dr. Berthon (SEE Club 25), tél. 45 14 13 13.

NEWS IN FRENCH

Compte rendu de la dernière réunion générale.

L'Assemblée Générale de la Section Française s'est tenue le jeudi 15 juin 1995 à 19 heures à la Maison des Polytechniciens, 12 rue de Poitiers, 75 007 Paris.
**NEW FROM WILEY**

- **Principles of Lightwave Communications**  
  G. Einarsson, Royal Institute of Technology, Sweden  
  This comprehensive text details the theoretical fundamentals that underpin lightwave communications. In particular, the author provides essential information on the reception of optical signals. Opening with a summary of the historical development of optical communications, this book progresses to cover light propagation in optical fibres, optical waveguides, optical detection theory and heterodyne systems. Practising communications engineers and physicists in the field of optical communications will find this title essential reading.
  0471 95297 9 November 1995 approx 356pp (h) approx £49.95  
  0471 96286 2 November 1995 approx 356pp (pr) approx £24.95

- **Fundamentals of Laser Diode Amplifiers**  
  H. Ghafouri-Shirazi, University of Birmingham, UK  
  Innovative optical devices have emerged from the integration of semiconductor laser diodes with optical waveguide technology. This well researched text traces the evolution of semiconductor laser amplifiers (SLAs) from these technologies. Focusing on the principle applications of SLAs in the switching and modulating areas, the author illustrates the growing importance of these functional components in the future of optical communications systems.
  0471 95872 7 December 1995 approx 209pp approx £51.95

- **Diode Lasers and Photonic Integrated Circuits**  
  L. Colgren and S. W. Corzine, both of the University of California, Santa Barbara, USA  
  Diode lasers are found in numerous applications in the optoelectronics industry, telecommunications and data communications, ranging from readout sources in compact disc players to transmitters for optical fibre communications systems. This new title provides a comprehensive treatment of diode laser technology, its principles and theory, treating students as well as experienced engineers to an in-depth exploration of this fast growing field. Engineering aspects are presented first, moving on to discussion of complex physical aspects with over 270 illustrations and extensive appendices to supplement the text.
  0471 11873 3 November 1995 approx 448pp approx £50.00

- **Signal Processing with Alpha-Stable Distributions and Applications**  
  Chrysostomos L. Nikias, University of Southern California, Los Angeles, USA and MIN Shao, INC Software Inc., San Diego, USA  
  With an emphasis on practical rather than theoretical aspects, this new title presents a long awaited survey of the statistical properties, methods and applications of symmetrical alpha-stable distributions. Major topics covered in this resource include statistical methods in signal processing (including both the Gaussian and alpha-stable models), stable distribution, fractional lower-order moments and methods for estimating the parameters of a stable distribution from sample data.
  0471 10647 X November 1995 approx 184pp approx £25.00

Wiley books are available through major booksellers. Alternatively, order direct from Wiley (Payment to John Wiley & Sons Ltd). Credit card orders can be accepted by telephone: +44 1243 829121. Prices quoted here apply to UK and Europe only.

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- Vacation work in other countries
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