

IEEE

Region 8 News

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Europe, Middle-east and Africa



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Students

From the Regional Director

Hallo, Hallo!

A main issue in 1995 will be to improve membership services throughout the Region. For almost a year the services provided by Operations Centre in Piscataway have been influenced by the transfer of the membership records from the previous IBM machine to the new Information System on a Hewlett-Packard UNIX-platform; however, services are now showing a considerable improvement. The IBM system was taken out of service at the end of July 1994; the result, a complete absence of up-to-date membership information for sections, chapters and regions until the middle of February this year. Consequently, the February 1995 and previous issues of Region 8 News have been distributed on the basis of the 1994 list: we apologise for any inconvenience to our members. Another problem brought about by these computer difficulties is a serious delay in the distribution of Membership renewal forms; the Board of Directors therefore decided in March that the delivery of periodicals to members in arrears should not be disrupted until the end of June 1995 (one month later than stated in the IEEE Bylaws).

Membership

The potential for an increased membership is much greater in western Europe than in the eastern Countries of the Region. It is well known that engineers join the IEEE for two principal reasons: publications and international conferences. National/local meetings in western Europe are attractive only in specific fields of interest, aided if necessary by an invitation to speakers from the Distinguished Lecturers Programme. The regional conferences Medicon and Africon are of more general interest; they give members in those geographical regions an opportunity to meet locally.

Membership Development

The Regional Committee has re-elected professor Walter Proebster, as chairman of the Membership Development Committee. As membership development is one of my principal issues, there will be a close cooperation between the Director, the MDC and the Manager of Member Services in Brussels. In Piscataway William Cook is the new Director of Member Services; he reports to the Acting General Manager Dick Schwartz now that Member Services has been transferred from the Regional Activities Department. Sections, Chapters, and Student Branches automatically receive membership application forms from Piscataway for the recruitment of new members. Walter Proebster has designed an alternative membership application form for both student membership and full membership.

In most student branches the meeting activity fluctuates in phase with the commitment of the student counsellor and the student branch chairman. Region 8 has a large number of Student Branches established at many Universities. The Regional Committee has elected Dr. Levant Onural, of the Turkey Section, chairman of the Student Activities Committee. The SAC chairman is responsible for the Student Paper Contest, which this year takes place in Cyprus on 26-28th June 1995, in conjunction with the conference on Digital Signal Processing. Student counsellors are encouraged to maintain contact with their Branch members after graduation; too many graduates move to new addresses without notifying the IEEE of their change of address - they are then lost to the IEEE for ever.

Members in Eastern Europe

The IEEE is much concerned with services provided for members and prospective members in the eastern European countries. Past President Troy Nagle, has formulated a 3-year programme for Electrotechnology Summer Schools in central and eastern Europe. We have recommended that Summer Schools should be planned jointly with sections and chapters; they should deal with specific topics of interest and be supported by the major Societies, who already have extensive programmes for membership development in these countries. For countries of the former Soviet Union we are looking for a formula which would offer membership for a fee that would reflect the average income of an electrical engineer. Joint membership of the Popov Society in Russia and IEEE is under consideration. Region 8 is willing to support bulk shipment of periodicals to Moscow, if the Popov Society will distribute, free of charge, the material to members or sections in those countries. Several major IEEE Societies are willing to offer publications on microfiche free of charge to libraries in the eastern European Countries. Recently Region 8 decided to finance the shipment of IEEE Press Books to those 56 libraries in eastern European countries, which have responded to a questionnaire from the Regional Committee (distributed by the Forward Planning Representative Bob Winton). For inclusion in library collections the books are donated as publications with no commercial value. It is hoped that this arrangement will avoid the payment of special taxes which might be imposed by the countries to which the books are being donated.

With this review of the present situation and our plans for the future development of the Region, I wish you all the best in your professional activities. Remember that the IEEE, as the largest international organisation for electrical, electronic and computer engineers and scientists, can offer you and your colleagues the most extensive information and support system available anywhere.

P. Martin Larsen
Director

1995 - Region 8 Fellows

By Professor E. Folke Bolinder

Joseph Appelbaum: Tel-Aviv University, Israel. For contributions to solar energy conversion systems.

Paul Walter Balor: University of Kaiserslautern, Palatine Germany; for contributions to spread spectrum techniques and their applications to communications, cellular radio, radar and geodetic ranging

Jens Glad Balchen: The Norwegian Institute of Technology, Trondheim, Norway. For leadership in control engineering education and transfer of research achievements to industrial practice.

Gabor Ban: Technical University of Budapest, Hungary. For contributions to the investigation of the protection of power systems against transients.

Itzhack Yeav Bar-Itzhack: Technion-Israel Institute of Technology, Haifa, Israel. For contributions to the development of inertial navigation systems.

Guiseppe Silvio Buja: University of Padova, Vicenza, Italy. For contributions to power electronics.

Pierre René Chevillat: IBM Research Division, Zurich Research Laboratory, Zurich, Switzerland. For contributions to the theory and application of digital communication techniques.

Jean Louis Coatrioux: INSERM, University de Rennes I, Rennes France. For contributions to physiological signal processing and three dimensional medical image analysis.

Dilip Kumar Das-Gupta: University of Wales Gwybedd, Wales. For the development of innovative techniques to measure space charge and dipolar polarisation in dielectrics.

John Brian Davies: University College London, England. For contributions to computer aided engineering of optical and microwave devices and the advancement of finite element methods for electromagnetic field analysis.

Lionel Edward Davis: University of Manchester, Manchester, England. For contributions to the development of novel circuit configurations using non-reciprocal media.

Albert Ashor Friesom: Weizman Institute of Science, Rehovot, Israel. For contributions to coherent optics, particularly the development of new techniques and procedures in holographic applications.

Arrigo Luigi Frisiani: University of Genova, Genoa, Italy. For achievements and leadership in computer engineering education.

Jacob (Jacques) Gavan: Tel-Aviv University, Holon, Israel. For contributions to the solution of cosite electromagnetic interference problems in communication systems and to electromagnetic compatibility education.

Jozef Goossens: Consultant, G.C.V. Goossens and Co., Frederic Sheidaan-Henniksem, Begium. For contributions to power system relaying and analysis of voltage stability and torsional oscillations in large generators.

Walter Guggenbühl: Swiss Federal Institute of Technology, Zurich, Switzerland. For advancements in the theory and analysis of noise in analogue and sampled-data electronic circuits and for contributions to engineering education.

David Harol: Weissmann Institute of Science, Rehovot, Israel. For contributions to theoretical computer science.

José Luis Huertas: University of Seville, Seville, Spain. For contributions to the synthesis and design of non-linear networks, especially in the case of chaotic, neural and fuzzy networks.

André A. Jaceclin. ABB Research Centre, Baden, Switzerland, for contributions to the understanding and development of high power semiconductor devices.

Pear-Simon Kildal: Chalmers University of Technology, Gothenburg, Sweden. For contributions to the design, analysis and understanding of reflector antenna systems.

Friedrich Landstorfer: University of Stuttgart, Stuttgart Germany. For contributions to antenna theory.

Robert Pierre Mertens. Interuniversity Microelectronics, Leuven, Belgium. For contributions to heavily doped semiconductors, bipolar transistors and silicon solar cells.

Hans Melchior: Swiss Federal Institute of Technology, Zurich, Switzerland. For contributions to the advancement of optoelectronic devices for applications in fibre optic communications.

Ozay Oral: Eastern Mediterranean University, Gazi Magoza, Turkey. For leadership in the advancement of engineering education in Turkey and for contributions to the theory and design of control systems.

Gunter Rau: University of Technology, Aachen, Germany. For leadership and innovation in teaching and research in biomedical engineering.

Víctor David Sánchez Aylas: German Aerospace Research Establishment, Wessling, Germany. For leadership in neural and parallel computation and pioneering contributions to autonomous space robots.

Willy M.C. Sanson: Katholieke University, Leuven, Belgium. For contributions to the systematic design of analogue integrated circuits.

Hikmet Sari: SAT, Paris, France. For contributions to advanced signal processing in digital microwave radio systems.

Klaus Schuermann: University of Hamburg-Harburg, Harburg, Germany. For contributions to the analysis, modelling and design of active and passive microwave components.

Hendrik M.J. Van Brussel: Katholieke University, Leuven, Belgium. For contributions to research and teaching in robotics, mechatronics and flexible automation.

Stephen Williamson: University of Cambridge, Cambridge England. For contributions to the analysis, design and understanding of induction motors.

IEEE Graduate Teaching Award

Alberto Sangiovanni Vincentelli

For excellence in graduate teaching curriculum development and research guidance in computer aided design of electronic circuits.

IEEE Judith A. Resnik Award

Leandre Pourcelot

For the application of ultrasound imaging to the measurement of cardiovascular systems during space flight

Call for Authors

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NEWS FROM THE SECTIONS

Israel

By Dr. Ady Seidman

The **Eighteenth IEEE Convention of Electrical and Electronics Engineers** took place on 7th & 8th March 1995, in Tel Aviv. The Convention was organised by the IEEE Israel Section and was sponsored by Tel Aviv University, Ben Gurion University, Technion and the Association of Electronics Industry in Israel.

The Chairman of the Conference was Prof. Ady Seidman, who is also the Section Chairman; he was assisted by Prof. Anthony J. Weiss, the Section Secretary and Dr. Rafi Kastner, the Section Treasurer.

Three technological leaders were invited to present the plenary sessions. Following the opening session in the presence of Ms. Shulamit Aloni, Minister of Communications; key figures from the electronics industry; and representatives from academia, Mr. Z. Zisapel discussed the revolution of ATM in computer communications. In the other plenary sessions Dr. I. Jacobs, president of Qualcomm, talked about trends in digital wireless communications; Dr. C. Cox III, Director at Lincoln Labs. MIT, spoke about techniques and applications of fibre optics.

Some 120 papers were presented and more than five hundred engineers attended the conference and its associated exhibition. Five new IEEE Fellows received their certificates at the general assembly, one of the key events of the conference. The Section also presented four awards to students who won the Student Paper Competition.

Section Chairman: Professor Ady Seidman, Faculty of Engineering, Dept of Electrical Engineering & Physical Electronics, Tel-Aviv University, Tel-Aviv 69978 ISRAEL

MTT/ED/AP/LEO

By Mr. Terry H. Oxley

1995 Activities

There have been some changes to the Chapter activities shown in the February 1995 issue of Region 8 News. Currently some fourteen events are now planned and those of international interest are summarised below

- **11th July** at Danbury Park Conference Centre, Chelmsford. One course on "**NEC - the industry standard method of moments code**". Organised by ACES (UK) in cooperation with the Chapter. Contact Dr. Pat Foster, 16 Peachfield Road, Malvern, Worcester WR14 4AP. Tel: +44 1684 574057. Fax: +44 1684 573509. E-mail: prf@maasas-l.demon.co.uk
- **9th October** at Wembley Conference Centre, London. Workshop on "**Rf & Microwave IC's: the technology background**". Organised by Nexus in cooperation with the UKRI Communications and MTT/ED/AP/LEO Chapters. Contact Dr. I.D. Robertson, Dept of Electronic & Electrical Engineering, King's College, Strand, London WC2R 2LS. Tel: +44 171 873 2523. Fax: +44 171 836 4781. E-mail: udee206@bay.cc.klc.ac.uk

FIRST CALL FOR PAPERS. EDMO '95

27th November at King's College London. **Electron Devices for Microwave and Optoelectronic Applications".** Jointly organised by the Chapter and King's College London, with co-sponsorship from the ED Society and in cooperation with the MTT Society and the IEE. Contact: Dr. A. A. Rezazadeh Dept of Electronic & Electrical Engineering, Strand, London, WC2R 2LS. Tel: +44 171 873 2879. Fax: +44 171 836 4781. E-mail: a.rezazadeh@bay.cc.kcl.ac.uk

- **28th November** at IEE Savoy Place London. **"Tutorial meeting on MMIC"** Organised by the IEE in cooperation with the Chapter. Contact: Ms Alison Dewhurst, Electronics Division, IEE, Savoy Place, London WC2R 0BL. Tel: +44 171-344-5423. Fax: +44 171 497 3633. E-mail: adewhurst@iee.org.uk

- **29th Nov.** at IEE Savoy Place, London. Workshop on **"Microwave & Millimeter Wave Communications"**. Organised by the IEE in cooperation with the UK communications and MTT/ED/AP/LEO Chapters. Contact: Dr. I.D. Robertson, Dept. of Electronic & Electrical Engineering, King's College London, Strand, London WC2R 2LS. Tel: +44 171 873 2523. Fax: +44 171 836 4781. E-mail: udee206@bay.cc.klc.ac.uk.

Chapter Chairman: Mr. Terry Oxley, "Tremont", Back Lane Halam, Southwell, Newark Notts, NG22 8AG England. Tel: +44 1636 81 5510. Fax: +44 1636 81 5865.

Melecon '96

By Dr. Jacob Baal-Schem

Melecon '96 will be held in Bari, Italy, on May 13-16th. The theme of the conference is industrial applications in Power Systems, Computer Science and Telecommunications.

The conference is being organised by Region 8, Central and South Italy Section, Politecnico di Bari, Department of Electrical and Electronic Engineering and the Pugliese Section of the Italian National Society - AEI; the official language will be English. In addition to papers from Industry and Academia, invited speakers will review and emphasise the applications of the fields covered by the conference - computers, control and robotics, electrical machinery, photonics, measurements, microwaves and antennas, neural networks and more. The programme will include a student paper contest for the best papers by young researchers.

Bari is an attractive city on the sunny shores of the Adriatic Sea. It is within easy reach of the "Trulli" and other interesting antiquities.

Previously unpublished papers are solicited. Three copies of an abstract of about one hundred words (excluding illustrations and references), in English, together with a separate letter giving the author's address, telephone, fax and e-mail, should be sent to:

Dr. eng. Antonella d'Orazio, Politecnico di Bari,
Via E. Orabona 4 - 70125 Bari, Tel: +39 80 544 2268.
Fax: +39 80 544 2410. E-mail: melecon@poliba.it

Benelux

By Professor Ranjee Prasad

Personal, Indoor & Mobile Radio Communication. Wireless Computer Networks

These two conferences were hosted by PTT Telecom, Netherlands in the Hague's International Congress Centre, from 18th-23rd September 1994; they were sponsored by the Benelux Joint Chapter on Vehicular Technology, the Communications Society and the International Council for Communications. This is the first time that this IEEE regional symposium has been held in conjunction with an IEEE regional meeting on Wireless Computer Networks. The joint event was seen as an opportunity to identify trends in technologies, economics, and applications of computer networks to wireless telecommunications. The following are the principal fields covered by the conference.

- A survey of recent European and global developments: Discussions on the worldwide Global System for Mobile Communication, Personal Computer Systems, industrial-scientific-Medical band for Wireless Communication and the business use of Wireless Computer Network; panel members were from industry, research laboratories, universities and regulatory bodies.
- Five half-day tutorials on Code Division Multiple Access Systems, Interference Cancellation, Wireless Optical LAN's, Personal Communication Systems and Data Networks.
- Some 50 oral sessions and a poster session, illustrating the best of more than 350 submitted.

The joint proceedings contain more than 1450 pages, divided into four volumes. They may be ordered from:

IOS Press, Van Diemenstraat 94

1013CN Amsterdam, the Netherlands

Tel: +31 20 638 2189. Fax: +31 20 638 2189

E-mail: IB@IOS.nest.nl

The sixth IEEE International Symposium on personal, indoor and mobile radio communications will be held in Toronto, Canada on 27-29th September 1995

South Africa

By Professor Duncan Baker

The past year has been a very successful one for the Section in terms of conference activity. As part of the fiftieth birthday celebrations of the Engineering Faculty at the University of Stellenbosch, no less than four Chapter conferences were held there from 3rd-4th October 1994. These were organised by AP/MTT, COMSIG, COMPSYS, and COMSYS and SS&C chapters. A number of short courses were offered, giving delegates the opportunity to catch up on some of the latest developments in their fields. Guest speakers included Profs. T. Van Duzer and A.E. Bryson

The holding of these conferences has effectively served as a dry run for the proposed AFRICON '96 conference, planned for 25-27th September 1996 at the university of Stellenbosch. Rolf Remshardt and Jacob Baal-Schem, treasurer and outgoing conference coordinator for Region 8, attended the first meeting of the AFRICON '96 organising committee. The overall theme of the conference will be "Electrotechnical Services for

Africa"; services that are essential for establishing an infrastructure and for assisting the development of cultural and technological advancement of those who will bear the future burden of improving both the quality of life and the generation of prosperity. These are the themes which have been selected as being of the greatest interest to the conference attendees. The major themes for the division of topics and sessions are:

1. Electric Energy Technology
2. Telecommunications
3. Development of Human Resources

Many diverse topics will be addressed within these three main themes. An innovation since the last AFRICON held in Swaziland, is the inclusion of topics on technology awareness and impact, primary health care technology and rehabilitation engineering.

More information will be made available shortly. Prof. J.H. Enslin at the Department of Electrical and Electronic Engineering, University of Stellenbosch, Stellenbosch 7600, South Africa, is the Chair for the Organising Committee of AFRICON '96. His E-mail address is: jhenslin@firga.sun.ac.za

Section Chairman: Professor Willem Perold (currently on Sabbatical). Acting Chairman: Professor Duncan Baker, Dept of Electrical Engineering and Electronic Engineering, University of Pretoria, 002 South Africa

E-mail: duncan.baker@ee.up.ac.za



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The candidate should have several years practical experience, if possible acquired in industry. Proven research skills, excellent teaching aptitude and the ability to lead a research group are required. Collaboration with other EPFL units, and with external institutions and industry are indispensable.

Female candidates are particularly welcome

Deadline for application : 5th June 1995

Date of entry: to be discussed

Interested persons are invited to obtain more information by writing to the following address:

Présidence de l'EPFL, CE-Ecublens,
CH-1015 Lausanne
Switzerland

Benelux

By Professor Ramjee Prasad
Annual Report of VT/COM Society 1994

i. A full day tutorial on "Adaptive Array Processing and Interference Cancellation" by Prof. Dr. Y Bar-Ness from New Jersey Institute of Technology, U.S.A. was held on 27th January 1994 at TU Delft.

ii. A Workshop on "New Services and Regulatory Aspects" was organised on 29th April 1994 in Brussels in co-operation with the Belgian organisation Sitel. There were some 50 participants.

iii. The fifth IEEE international symposium on Personal, Indoor and Mobile Radio Communications, and the ICC Regional meeting on Wireless Computer Networks, were held simultaneously in the Hague, from 18th - 23rd September 1994

- The proceedings were divided into the following sections: Plenary sessions with distinguished keynote and invited speakers; they surveyed recent European and world-wide developments in the field.
- Four panel sessions: Global Systems for Mobile Communications, Personal Communication Systems and Local Area Network standards. The panel members were from industry, research laboratories and regulatory bodies.
- Five half day tutorials by well known international experts.
- Some fifty five oral sessions and a poster session accommodated the best of the papers that were submitted
- There were about 500 participants from forty countries.

The second symposium on "Communications and Vehicular Technology in the Benelux" was held on the 2nd - 3rd November 1994 in the Auditorie Saint-Barbe of the Université Catholique de Louvain, place Saint-Barbe, B-1348 Louvain-la-Neuve, Belgium. Thirty eight papers were presented, fifty percent of which were from countries outside the Benelux. There were some eighty participants.

There were four Executive committee meetings to discuss policy, membership and future planning of the Chapter.

The Benelux Committee consists of the following members:

- Prof. Ramjee Prasad (TU Delft) - Chairman
Prof. August Laloux (UCL) - Vice-chairman
Ir. Paul G.M. Bot (Philips Research) - Secretary
Ir. Kiwi Smit (Ericsson) - Treasurer
Prof. Luc Vandendorpe (UCL Eindhoven) - Programme Chairman
Ir. Peter F.M. Smulders (TU) - Membership Chairman
Prof. Marc Moeneclae (TU Gent) - Publicity Chairman
Dr. A.S. Arishnakuar (AT&T Bell Labs) - Planning Chairman
Ir. Gerard J.M. Janssen (TU Delft) Students Relations Chairman
Mr. John R. Farserotu (STC) - Awards Chairman
Dr. Marc Durvaux (Alcatel) - Arrangements Chairman
Dr. Ricardo de Gaudenenzi (ESA) - Nominations Chairman

Chairman: Vehicular Technology/Communications Joint Chapters,
Professor Ramjee Prasad, Department of Electrical Engineering,
PO Box 5031, 2600 GA Delft, The Netherlands
Tel: +31 15 78 1347/6193. Fax: +31 15 78 1774

Take a Bough

(An Ode to the Spelling Chequer)

*Prays the Lord for the spelling chequer
That came with our pea sea!
Mecca mistake and it puts you rite
Its so easy to ewes, you sea.*

*I never used to no, was it e before eye?
(Four sometimes its eye before e.)
But now I've discovered the quay to success
It's as simple as won, too, free!*

*Sew watt if you loose a letter or two,
The whirled won't come two an end!
Can't you sea? It's as plane as the knows on yore face
S. Chequer's my very best friend*

*I've always had trubble with letters that double
"Is it one or to S's?" I'd wine
But now, as I've tolled you this chequer is grate
And its hi thyme you got won, like mine.*

Janet E. Byford

Arcachon, France

18-22 September 1995

3rd European Symposium - RADECS '95 RADiations and their Effects on Components & Systems

CNES, French Space Agency

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Analog Integrated Circuit Design
26 - 30 June 1995

A 5-day course presented by Professor Phillip Allen, Georgia Institute of Technology, USA, to provide a state-of-the-art review of the principles, concepts and techniques for design, modelling, SPICE simulation, testability and verification.

MULTIMEDIA DATA COMPRESSION 28 - 30 June 1995

Presented by Dr. Jerry Gibson, Texas A&M University, USA. This new course designed for professionals to understand the fundamental principles and algorithms underlying a host of existing multimedia applications standards and products, evaluate future standards, and incorporate these compression methods into their own applications.

NEURAL NETWORKS

Basics, Practice & New Opportunities
3 - 5 July 1995

A modular 3-day course presented by Prof. Igor Aleksander F. Eng, Head of Electrical & Electronic Engineering Department, Imperial College and colleagues, aim to introduce the fundamentals of Neural Networks without mathematical complexity; discuss current applications and their effectiveness and look at work under development in research laboratories both in the UK and abroad.

INTELLIGENT ELECTRICITY SUPPLY SYSTEMS 25 - 29 September 1995

A 5-day course for electricity supply system managers, planners, operations and research staff, consultants and academics wishing to update and expand their expertise and obtain a state-of-the-art appreciation of all aspects of the modern intelligent electricity supply system. Presented by leading experts from the Electrical & Electronic Engineering Department of Imperial College together with speakers from industry.

Further details from: Sally Verkaik, Continuing Education Centre, Imperial College, Room 558 Sheffield Building, Exhibition Road, South Kensington, London SW7 2AZ, UK.
Tel: +44 (0)171 594 6882/1 Fax: 6883 E-Mail: cpd@ic.ac.uk

NEWS FROM TURKEY SECTION

Dear Members,

Our section is active with its eight chapters and six student branches. The sixth student branch, the Cukurova University student branch has been established recently. We wish them every success

Our section is encouraging members to be take part in communication via Internet. As I announced through the newsletter sent to you in the new year, Doruk-BBS in Istanbul is offering a 150 credit (approximately 450 minutes) of free access to BBS service to our members. Doruk-BBS have extended its offer to our student members as well. I gave the detailed information on taking advantage of this offer in my newsletter. However, if you contact me I can send you the same information. Now, IRIS BBS in Izmir is offering a similar generous service to all of our members. we should like to express our appreciation to Mr. E. Onder Kokturk for his kind generosity to our members. In order to get access to IRIS-BBS, all you need to do is to dial via a modem and using a terminal program such as MS-Windows Terminal, the following numbers: +(232) 342-8659 28.800bps +(232) 374-5110 14.400 bps for 24 hours. Then, there is going to be a menu created to serve IEEE members. By following the instructions, you can easily use IRIS-BBS service. When you register with IRIS-BBS, you will have an internet access and an internet address in the form of name.lastname@iris.ege.edu.tr. The service provided by IRIS-BBS may vary depending on your choice, including the free of charge internet access within a reasonable time:

1. 25 min/day access with INTERNET access, for FREE (No INTERNET access for non-IEEE members)
2. 120 min./day for 100k TL for a month (200k TL for non IEEE members.
3. 120 min/day for 250k. TL for 3 months (500k. TL for non-IEEE members)

Although IRIS-BBS is located in Izmir and Doruk-BBS is located in Istanbul, neither of them is limited to subscriptions from those cities only. You may subscribe from other cities; it only costs you the intercity phone call.

The other news from our section are as follows. Prof. Dr. Ozay Oral has been elected as IEEE Fellow. Dr. Levent Onural is now chairman of the Student Activities Committee in Region 8 for 1995-1997. Prof. Okay Kaynak has been appointed coordinator of Industrial Electronics Chapters in Region 8. The Computer Society Chapter in Turkey has successfully co-organized a workshop titled "Neural Networks from an Engineer's Perspective" on February 20th. We would like to thank our member Mr. Mert Sungur from Middle East Technical University for his efforts in this event and to the Middle East Technical University and TUBITAK for their co-operation.

The Web Server of our Section, which was pioneered in Region 8, is growing with new pointers to our chapters and student branches. Our student member Mr. Ayhan Bozkurt constructed voluntarily an IEEE Region 8 Web Server at Bilkent University and linked it to IEEE Piscataway Server; he is encouraging other Sections and Student Branches in Region 8 to participate. I should like to thank Mr. Bozkurt for his efforts and Bilkent University for allowing to use its computer system and disk space for the Region 8 Web Server. The IEEE Turkey Section Server and the Region 8 Web server are connected to Internet at 64kb/s. The Region 8 Server is accessible via other IEEE Web Servers and at <http://www.ee.bilkent.edu.tr:8080>.

I would like to encourage members to use electronic communication to strengthen our ties with them and speed up our interaction in order to provide them the best service they need.

I wish all the best to all of you; with regards. Please contact me in case of your any questions, suggestions or complaints at the address below:

Dr. Mehmet Ali Tan, Bilkent Universitesi, Elektrik Muh. Bol., 06533 Bilkent, Ankara and PHONE: +312-266-4307 or FAX: +312-266-4126 or E-MAIL: m.tan@ieee.org.

You can get information and the copy of this message also from the Web Server <http://www.ee.bilkent.edu.tr/~ieeee>.

FRANCE

By Mme Frédérique Vallée

CONFERENCES

OCEAN CITIES, the first International Symposium on Ocean Cities, November 1995, 20th to 23d in Monaco. Deadlines for submission of texts: 31st August 1995. The aim of the "Ocean Cities" workshop is, first to develop a schedule of events to be adopted and second, to set up an international lobby capable of taking on and putting into action a large-scale programme of this type. (inf.: Ocean Cities'95 General Secretary, SEE, 48 rue de la Procession, 75724 Paris Cedex 15 - Tel: 33 1 44 49 60 60 - Telex: SEE 200565 F - Fax: (33) 1 44 49 60 44)

- **JICABLE '95**, 4th International Conference on Energy Insulated Cables, organized by SEE, 25-29th June 1995, in Versailles, France. JICABLE '95 is intended to be an international forum for the exchange of information in the fields of research, industrial development and network integration relating to cables and their accessories at all voltage levels. More than 150 communications will be presented during the conference in 25 sessions covering the following topics: special cables, low and medium voltage cables (up to 30 kV), HV and EHV cables, cables for the future, ageing - diagnosis - maintenance, design, testing methods, cables and the environment. (inf.: Registration - Conference General Secretary, SEE, 48 rue de la Procession, 75724 Paris Cedex 15 - France - Tel.: 33 1 44 49 60 60 - Telex: SEE 200565 F - Fax: (33) 1 44 49 60 44).

We have pleasure in announcing that the IEEE Computer Society will sponsor three conferences:- (I) "1995 Workshop on On-Line Testing", 4-5th July 1995, in Nice, France.

(II) The "1995 8th International Symposium on High-Level Synthesis", 13-15th september 1995, in Cannes, France. For further information, please contact IEEE Computer Society, Conference Services, 1730 Massachusetts Ave, NW, Washington, DC 20036-1992. Tel.: 202 371-1013. Fax: 202 728-0884 or the USA Conference Services Department, IEEE Service Center 908 562-3878.

- (III) "1995 IEEE Conference on Emerging Technologies and Factory Automation ETFA", 10-13th October 1995, in Paris, France. For further information, please contact Ms Marie-Claude Sance, INRIA - Rocquencourt, Domaine de Voluceau, BP 105, 78153 Le Chesnay Cedex, France - Phone: 33 (1) 39 63 56 00 - Fax: 33 (1) 39 63 53 30. E.mail: sance@inria.fr, or the Conference Services Department at IEEE Service Center at (908) 562-3878.

NEWS FROM OTHER CHAPTERS.

European chapter of the Oceanic engineering society: Jean-Yves Jourdain, chairman of the French OES Chapter, thanks all OES members from Region 8 who returned the "petition" for an enlargement of the chapter. From now on a broadening in most of the European countries should be possible. Members from North Africa are already attached to the French section (Continued on p.7.)

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(France: Continued from page 6) are already attached to the French section and so also to its chapters. Every one who returned the form will be on the mailing list of the chapter and will be informed of its main activities.

UDT 95 (Undersea Defence Technology Conference and Exhibition): The next international event sponsored by the French OES Chapter, UDT 95, will be held on 4-6th July 1995 in Palais de Festivals, Cannes, France. More than one thousand people are expected, not only because the Palais des Festivals is a very attractive place, but also because date in the diary of those working in defence technology. Information and registration forms are available from Mrs Gillian Shinar: Nexus Media Lmt, Warwick House, Swanley, Kent BR8 8HY UK - Phone: +44 1322 66 0070 - Fax: +44 1322 66 1257.

Communication from Dr Ferdy Mayer, President of IEEE EMC Chapter in France, Belgium, Luxembourg: the third conference took place on February 13th, 1995, took place; it was cosponsored by IEEE-EMC-S France and SEE Club 25, the French scientific society dealing with EMC. The presentation by Mr Alain Charoy, President of a French EMC Consulting organization, commented on "Tests and Measurements from the point of view the EMC-Directive". Two points should be made: 1) Mr Charoy represents one of the very few competent French Consulting and Test Organisations.

And 2) he is, as the responsible authority of the SEE Club 25 in South-east France, the first real participant from the French SEE, implementing a 3 years old agreement for cooperation, between IEEE and SEE.

NEWS IN FRENCH

Conférences de l'A.R.E: Dans le cadre des accords passés entre l'A.R.E. (Conférences du soir des Anciens de la Radio et de l'Electronique) et la Section française de l'I.E.E.E., nous annonçons les conférences suivantes-

"Evolution de la gestion des fréquences Radio-Electriques" par M. Michel Popot, Ingénieur Général des Télécommunications, le 7 juin 1995.

Ces conférences auront lieu à 17h, dans la salle n° 11 de la FIEE, située au quatrième étage du 17 rue Hamelin, PARIS 16ème - Secrétariat : Mme Birckel 46 07 40 77 - Métro Boissière ou Iéna. L'entrée est gratuite, des rafraîchissements sont servis pour clore agréablement la séance..

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Mary H Dickson and Mario Fanelli, both of the International School of Geothermics, Pisa, Italy

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Jerusalem, Israel

17-21 September 1995

MEDICON '95

VII Mediterranean Conference on Medical and Biological Engineering

Division of Continuing Education., Technion, Haifa 32000, Israel. Fax: +972 4 236 022. E-mail: rdO07aa@technion.technion.ac.il

Madison, Wisconsin, U.S.A.

17-21 July 1995

NSREC - 32nd Annual IEEE Conference on

Nuclear and Space Radiation Effects

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Trieste, Italy

10-13 September 1996

European Association for Signal Processing

EUSIPCO '96

VIII European Signal Processing Conference

Prof. G.L.Sicuranza, e-mail: sicuranza@univ.trieste.it
Secretariat: the office Tel: +39 40 368343. Fax: +39 40 368808

London, England

27th November 1995

EDMO '95

Electron Devices for Microwave & Optoelectronic Applications

UKRI MTT/ED/AP/LOE Joint Chapter

Contact: Ali Rezazadeh, Electrical & Electronic Engineering, King's College London. Tel: +44 171 873 2879. Fax: +44 171 836 4781
E-Mail: a.rezazadeh@bay.cc.kcl.ac.uk

Cardiff, Wales, UK

17-20 September 1995

International Symposium on

Non-linear Electromagnetic Systems

Dr. A. Basak, Secretariat, Wolfson Centre for Magnetics Technology, PO Box 917, Cardiff CF2 1XH

Cambridge, England.

17-21 September 1995

Microwave & High Frequency Heating 1995

International Conference at St. John's College, Cambridge University

Dr. A.C. Metaxas, E.U.G., Engineering Dept, University of Cambridge CB2 1PZ, England. Tel: +44(0)1223 33 2680. Fax: +44(0)1223 33 2662
E-mail: acm@eng.cam.ac.uk

Braunschweig, Germany

17-20 June 1996

Precision Electromagnetic Measurements

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