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IEEE Region Eight NEWS



No. 79
August 1987

Editor

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FROM THE REGIONAL DIRECTOR

MEETING WITH MEMBERS



After six months' experience as your acting Director I am addressing you again today with some comments and a brief report about the Region. A series of visits to IEEE conferences and other events in our territory has given me the great pleasure to meet many of you personally, so in Saudi Arabia and the United Arab Emirates, in Italy, Israel, Hungary and at the First International Compeuro Conference in Hamburg. There is certainly

nothing comparable to a personal contact, but particularly in our widespread region of two-and-a-half continents this alone never could allow adequate communication with the members. My extraordinarily high telex-mail and telephone bill for the last six months would give me a good feeling to have tried very hard – still it requires other active channels to and between sections, chapters, branches and individual members in order to be a healthy region in our Institute. To strengthen substantially this communication process is certainly the number one objective for me as your Director.

NEWSLETTER

You have seen that we are experimenting a great deal with our newsletter, making it bigger, more readable and putting even more colour in. There is still a long way to go but at least the substantial increase of Section messages in the May edition seems to support the efforts. Don't hesitate to send your personal contribution, comment or criticism. This will not only be most welcome by our Editor Dr. Byford, but eagerly expected.

REASONS FOR MEMBERSHIP

As you will know IEEE is the only worldwide-organised engineering institution in addition to being the home organisation of all US electrical engineers. It is primarily this global presence that makes membership so attractive for many of us, but looking into details we discover as many different reasons for joining IEEE as there may be for getting married.

Most of our international members see their sole interest in the many high quality conferences, journals and other published material offered by our technical societies. Others expect personal connections and recognition by their membership of so prestigious an institution. Specific educational support is another important expectation particularly for engineers in smaller companies or in the periphery of the present hightech evolution. It must be our sincere objective as your elected officers and representatives throughout the organisation to reconfirm permanently your good alliance with the Institute by appropriate support. There is presently hardly another engineering institution offering as much services to its members as IEEE at a moderate price. Still we are working to increase efficiency further, particularly for transnational members.

Dr. H. Rüchardt, Siemens Components Group, Balanstrasse 73,
D-8000 Munich 80, Federal Republic of Germany.

EDUCATIONAL PROGRAMMES AT SECTIONS CONGRESS

Taking as an example our present programme for continuing education you will find almost unlimited offerings of specific tutorials, video courses, individual learning programs, distinguished lecture courses, technical seminars, career planning courses for students and a wide scope of survey material about other available resources.

As a very unique event to improve further, section activities and communications among IEEE entities, there will be a special Section Congress held this coming October in Anaheim, California, with worldwide participation of over 200 Section delegations. We plan to have a very large percentage of the 25 Sections in Region 8 represented with the expectation to bring home plenty of positive feedback for future good activities. There has been a substantial amount of money contributed for the Anaheim event from central as well as Regional funds.

REGION 8 OUTLOOK

As I am writing this message in the plane coming back from the Los Angeles Board of Directors meeting (18–23 June) let me tell you my next action items. During July I am planning to communicate once again with all Section chairmen and Regional officers particularly about their specific programmes, problems or requests as reported at our last Regional Meeting in Rome. Simultaneously we will do our preparation for the autumn meeting of our committee in Yugoslavia. There we may have participating for the first time an official delegate of our new United Arab Emirate section and hopefully already someone of our next sections to be established in Romania and in Hungary.

I am pleased to inform you about a most valuable resolution at the Board of Directors Meeting in Los Angeles, giving consent to our request for adjustment of the regional assessment to a new value of 11 dollars for 1988 in order to balance serious inflational effects on our ability to finance the Region. As a consequence I hope not only to avoid a substantial drop of our assets but even to give support to some additional good projects of our Sections and particularly of our student branches.

Out different projects for the 25th Anniversary of Region 8 are moving ahead according to plan.

The Abidjan workshop (30 November to 2 December 1987) is just reaching its hot phase of preparations whereas the Israel and the UKRI Sections are just beginning to gain momentum in their respective efforts for spring 1988.

NEW ELECTIONS

As a last item I want to bring to your attention the forthcoming elections of our next IEEE President, Vice-president and Region 8 Director-elect 1988 in a few months. There have been two very competitive candidates nominated for the office of Region 8 Director after my term. They both were or still are serving as Section Chairman on the Region 8 Committee. You will find their curricula vitae and presentations printed on page 6.

Please don't forget to send in your completed ballot form when it reaches you probably in September. An above average election participation of our transnational members would be an important signal and could very much help us to gain further influence in the Institute as a whole.

— HUGO RUECHARDT

NEWS FROM SECTIONS

FRANCE

L'Assemblée Générale de la Section Française de l'IEEE s'est tenue le 1 Juin dernier, suivie d'un dîner au cours duquel le Professeur Hubert Curien, ancien ministre et présent président du Conseil Scientifique de Défense a donné une conférence sur la Coopération Européenne, suivie de nombreuses questions.

Le Bureau de notre Section est maintenant composé comme suit:
Président: Jacques Clade

Vices-Présidents: Maurice Bellanger et Maurice Papo (récent Fellow)

Trésorier: Jean-Gabriel Herry

Secrétaire et chargée des jeunes: Frédérique Vallee

Membres: Jacques Dockes, Olivier Dusanter, Jean Lebel, Didier Lombard (nouveau président du chapitre français de la Société "COMMUNICATIONS"), Alain Croisier (récent Fellow), Jean Robieux, François Toutain.

Notre Société parraine la nouvelle éditions 87 de l'"European Conference on Circuit Theory and Design" qui aura lieu à Paris du 1^{er} au 4 Septembre 1987. Tous renseignements auprès de Jeanine Henaff - CNET - DIT - 38/40, rue de Général Leclerc F 92131 Issy-les-Moulineaux.

Nous parrainons JICABLE 87 (Seconde Conférence Internationale sur les câbles d'énergie à isolement synthétique) qui aura lieu à Paris/Versailles du 21 au 25 Septembre '87. (Tous renseignements au Secrétariat Général, 11 rue Hamelin, F 75783 Paris CEDEX 16 - Téléphone: (1) 45 05 14 27).

Le Chapitre Français de la Computer Society et notre ami GELENBE organisent du 16 au 18 Décembre un Colloque International sur les calculateurs de hautes performances, qui aura lieu au 1, rue Descartes 75005 Paris (dans l'ancien amphi Poincaré de l'Ecole Polytechnique). Renseignement auprès de Erol GELENBE Université Paris Sud, Bâtiment 490, 91405 Orsay CEDEX. Téléphone: (1) 69 41 66 30.

Nous aidons les élèves de SupAéro à organiser à Toulouse les 3 et 4 Février 1988 le Colloque INFAUTOM 88 sur la "Commande active généralisée". (Renseignements à Colloque SupAéro - ENSAE, 10, avenue Edouard Belin 31055 Toulouse CEDEX).

L'IEEE parraine le "XIII^e Symposium International sur les décharges et l'isoleme électrique dans le vide" qui aura lieu à Paris du 27 au 30 Juin 1988. (Renseignements A. SEPTIER, Professeur au CNAM 292, rue Saint-Martin 75141 PARIS CEDEX 03. Téléphone: (1) 42 71 24 14).

La Computer Society coopère avec une conférence intitulée "1988 International Commission for Optics Topical Meeting on Optical Computing" qui se tiendra du 30 Août au 2 Septembre 1988 à Toulon. (Renseignements auprès de S. LOWENTHAL Institut d'Optique, Bât. 503, Université Paris XI, BP 43, F 91406 ORSAY CEDEX).

Nous parrainons le "Quatrième Congrès International sur le givrage atmosphérique des structures" qui se tiendra à Paris du 5 au 7 Septembre 1988. (Renseignements auprès J. L. LAPEYRE-EDF, Direction des Etudes et Recherches - 1, avenue du Générale de Gaulle 92141 Clamart CEDEX. Téléphone: (1) 47 65 31 27).

Enfin le Colloque International sur les tests organisé par notre Ami R. COGNE aura lieu sous forme d'une conférence européenne sur le test, qui se tiendra à Paris du 11 au 14 Avril 1989 sous le "sponsoring" de l'IEEE Computer Society, et sous le nom de EUROTTEST CON 89.

Enfin il est à noter que la journée "Jeunes Réalisateurs" organisée par O. DUSANTER s'est tenue à l'ECAM de Lyon le Jeudi 14 Mai 1987. Pour la première fois, un jury a donné des récompenses (meilleur exposé et meilleure présentation de matériel).

Enfin, lors de l'Assemblée Générale du 11 Juin, il a été exprimé le désir que tous les membres de la Section Française de l'IEEE puissent être informés chaque fois que l'un d'entre eux a publié un papier dans l'une des revues de l'IEEE. Ceci peut si faire si les auteurs ont la gentillesse d'envoyer une copie de leur papier à:

Section Chairman:

Professor Michael H. Carpentier, Dir. Adjoint Thomson CSf/BES, 23 rue de Courcelles, Boite Postale 9608, F 75362 Paris Cedex 08, France.

UNITED KINGDOM & REPUBLIC OF IRELAND

CHAPTER ACTIVITIES

COMPUTER Dr. M. Bolton has resigned. Mr. R. Saam has agreed to find a new Chairman and to revive Chapter activity.

Future Events. The next meeting will be "Functional Programming of the ALICE Group" at Imperial College on 24 September 1987. Peter Burger.

Proposed Meetings.

(i) "Silicon Compilation" for the end of November 1987.

(ii) A Meeting with similar objectives to those of the Slough event, but to be held in Central London.

For 1988

(iii) "Pocket Computers" (including H.P., Sharp, Casio, etc.). Roland Saam.

(iv) "Computer Graphics". Peter Burger.

(v) A joint meeting with the Control Systems Chapter.

(vi) Joint meeting with the Professional Communications Chapter. "Business Communication" or the "People Interface" problems of Computers.

(vii) "Software Engineering Tools".

All Meetings will have a highly practical basis so as to appeal to the practising Engineer. Meetings or speakers likely to result in the "Hard Sell" will be avoided.

It has been noted that the IEEE (Washington and New York) were organising public seminars in the UK on subjects such as Software Engineering Standards and that in some instances discounts could be obtained by BCS members as a promotion scheme; the IEEE Computer Chapter and its members in the UK seem to be neither informed nor included in these arrangements. Our concern will be expressed to the IEEE Computer Society (Washington).

CAS. Four Meetings were held in 1986 and five are planned for 1987. In conjunction with the Centre for Information Engineering of the City University, London EC1V 0HB, on 24 September 1987 there will be a one-day workshop on "ISDN and Integrated voice-data Communications", information from Prof. A. C. Davies. In association with the IEE there will be a Conference on "Software Engineering" in Liverpool from 11-15 July 1988, information from IEE Conference Department, Savoy Place, London WC2 0BL.

COMMUNICATIONS. A joint Communications/Acoustics/Signal Processing Chapter is to be formed. Twenty-two members have been circularised with a petition form. Participation in a symposium organised by Professor Durrani in Strathclyde is planned.

CONTROL SYSTEMS. Three meetings planned. It is hoped to arrange the '89 Decision Control Conference in UK. Membership of UKAC, at £600 per annum was not considered to be cost effective.

MAGNETICS. A Committee has been formed and a budget prepared for 87/88. It is hoped that Intermag could be organised in the UK.

MICROWAVES. A petition has been signed and the Chapter formed. There was a lecture at King's College on 22 April 1987: J. Bryant. It is hoped that in October 1987 a lecture will be given by Professor J. Clarricoats.

SECTION MEETING on 14 October 1987 in Imperial College, London, at 6 pm (tea 5.30). Professor Richard Weiss, visiting professor at King's College, London, will give a lecture on "The Life and Times of Benjamin Franklin". Professor Weiss is well-known for his stimulating and entertaining lectures. The usual Executive Committee meeting will be held before the lecture.

WORKSHOP on "Education and Training for Safety and Security of Engineering Systems" at Imperial College, in April 1988. This workshop forms part of the Region 8 25th Anniversary Celebrations. Further details will be given in the November Region 8 News.

Section Chairman:

Professor Charles Turner, Electronic and Electrical Engineering Dept., King's College, Strand, London, England WC2R 2LS.

NORTH ITALY

An Annual Meeting of the North Italy Section was held in Genova on 18 May. On this occasion the outgoing President Prof. Fabio Saccomanno (University of Genova), introduced to the Section members the new Officers for the next two years.

New officers are: Prof. V. Monaco (University of Bologna), Chairman; Ing. P. Gazzana Priaroggia (Pirelli), Vice-Chairman; and Prof. G. Soncini (University of Bologna), Secretary and Treasurer.

The outgoing President announced a new agreement between the IEEE North Italy Section and the AEI - Italian Electro-technical and Electronics Association - in order to strengthen collaboration. The salient points of the agreement are: invitation of the Presidents of the two Italy Sections of the IEEE to AEI meetings; publication of all IEEE activities in the AEI monthly Reviews, including "call for papers"; increase in the activities of the Student branches (prizes to meritorious student have been assigned this year and scholarships also may be introduced; promotion of joint association to both IEEE and AEI.

The Annual Meeting concluded with a very interesting Conference on "Collaboration between University and Industry: requirements and perspectives", organized by the outgoing Officers with the co-operation of the following Departments of the University of Genova: DIBE (Department of Engineering Biophysics and Electronics), DIE (Department of Electrical Engineering), DIST (Department of Informatics and Systems) and with GENOVA RICERCHE. Topics analyzed were research fields and tools for co-operation, the role of engineers in industry and perspectives in didactic activities.

Intese AEI-IEEE

per un potenziamento della collaborazione

(Testo proposto dalla North Italy Section dell'IEEE, settembre 1986)

1. Allo scopo di agevolare e stimolare iniziative congiunte AEI-IEEE, l'AEI inviterà di norma i Presidenti delle due Sezioni (italiane) IEEE ai Consigli Generali dell'Associazione, e ciascuna delle Sezioni AEI inviterà di norma un Delegato IEEE alle proprie riunioni di Sezione.

Per reciprocità, l'Executive Committee di ciascuna delle due Sezioni IEEE inviterà di norma, alle proprie riunioni, un Esponente dell'Ufficio Centrale AEI (o Delegato dell'Ufficio Centrale, a seconda del luogo di riunione); oppure un Delegato di Sezione AEI nel caso in cui i problemi da trattare siano di interesse di quella sola Sezione AEI.

I nominativi dei suddetti Esponenti e Delegati saranno tempestivamente resi noti dalle rispettive Associazioni.

2. Sulla rivista "L'Elettrotecnica" saranno pubblicizzate, anche tramite "call for papers", le manifestazioni IEEE, e in particolare quelle della Regione 8. Al riguardo, sarà utile far pervenire all'AEI il volumetto dell'IEEE con l'indicazione di tutte le manifestazioni in programma.

Le due Sezioni IEEE cureranno la tempestiva pubblicizzazione, su IEEE Region 8 Newsletter, delle iniziative congiunte AEI-IEEE.

3. Per quanto riguarda i rapporti con gli studenti, si stabiliranno contatti tra i Delegati Studenti delle Sezioni AEI e gli Student Branch Counselors dell'IEEE, per promuovere e coordinare iniziative congiunte nelle singole sedi, rispettivamente.

Vengono peraltro ribadite le disomogeneità esistenti tra AEI e IEEE, soprattutto riguardo agli studenti degli Istituti Tecnici Industriali di cui l'AEI intende occuparsi, mentre l'IEEE limita il suo interessamento ai soli studenti universitari.

4. Per intervenire tempestivamente su problemi contingenti relativi alle iscrizioni, l'AEI si avvarrà della collaborazione del Presidente del Membership Development Committee delle due Sezioni IEEE. La risoluzione di tali problemi rimane tuttavia affidata a contatti diretti tra l'AEI e gli Uffici Centrali IEEE in USA, ai quali la stessa AEI potrà richiedere direttamente copia degli elenchi dei Soci IEEE, con relativi aggiornamenti.

5. Per quanto riguarda i servizi di segreteria e di archivio, le due Sezioni dell'IEEE potranno utilizzare le strutture dell'AEI.

6. AEI e IEEE ritengono interessante promuovere un'azione comune per incentivare l'associazione "cumulativa". A tale scopo, l'AEI invierà ai Presidenti delle due Sezioni IEEE, e ai Counselors

delle Student Branches, i moduli per l'iscrizione congiunta AEI-IEEE; e invierà inoltre a tutti i suoi Soci, assieme al modulo di versamento per il rinnovo annuale dell'iscrizione, una lettera a firma del Presidente Generale AEI, che inviti all'associazione cumulativa, allegando copia di un testo - preparato a cura dei Presidenti delle due Sezioni IEEE, e riportato anche sulla rivista "L'Elettrotecnica" - che riassume i principali vantaggi di tale tipo di associazione.

Nota - Quando approvato, il presente testo dovrà essere - a cura della Presidenza Generale AEI, e dei Presidenti delle due Sezioni italiane IEEE - pubblicato sulla rivista "L'Elettrotecnica", e inviato in copia alle Sezioni AEI e alle Student Branches IEEE.

Section Chairman:

Professor Fabio Saccomanno, Via Caffaro 8-13 I.16124 Genova, Italy.

I SRAEL

הודעות הסניף הישראלי

עורך הידיעון, הדר' Byford, הכניס לאחרונה מספר יוזמות ברוכות וראויות לשבח במבנה ובמדיניות הידיעון.

להדגשת ה-"בינלאומיות" של ה-IEEE יזם הדר' Byford, בין היתר, את האפשרות לפרסם את הודעותיו לחברי הסניף הישראלי בשפה העברית. על כך נתונה לו תודתי הכנה, אשר הנני בטוח שהיא על דעת כל חברי הסניף. לאחר שעברנו בהצלחה את הכינוס החמישה עשר של מהנדסי חשמל ואלקטרוניקה בישראל, עם קרוב ל-1400 משתתפים ו-1700 מ"ר תערוכה, להלן מספר הודעות על אירועים מתוכננים לעתיד הקרוב:

* 7-6 מאי 1987	הכינוס הישראלי השני להנדסת מערכות ממוחשבות ולהנדסת תוכנה.
* 23 יוני 1987	יום עיון בנושא תקשורת תאית.
* 25 יוני 1987	יום עיון בנושא פיתוח אב-טיפוס לתוכנה.
* 9 נובמבר 1987	יום עיון של קבוצת מיקרוגלים ואנטנות.
* 14-13 דצמבר 1987	סמינר בנושא כוונת התפתחות עתידיים בשטחי חשמל, אלקטרוניקה ומחשבים.
	הסמינר יערך בארץ במסגרת חגיגות יובל ה-25 שנה ל-"אזור 8".
* דצמבר 1987	קורס בנושא עקרונות בטיחות תוכנה.
	פרופ' עזרא זאב
	יו"ר הסניף הישראלי

Section Chairman:

Professor Ezra Zeheb, Technion-Israel, Institute of Technology, Electrical Engineering Department, HAIFA, Israel 32000.

Romania

Romania Sections in Development organised the 7th International Conference on Control Systems and Computer Science - Bucharest, 27-30 May 1987. There were three plenary sessions and 13 specialised sections, which were: Systems Theory, Process Control, Industrial Robots and Flexible Manufacturing Cells, Programming Systems and Databases, Artificial Intelligence and Computer Modelling. The Conference was attended by 250 participants; 45 from abroad, amongst whom were Prof. M. H. Carpentier from France and Prof. P. Antognetti from Italy.

The three volume proceedings - in English - are available from: The Polytechnic Institute of Bucharest, Dept. of Control and Computers, Spl. Independentei 313, 77206 Bucharest, Romania.

Section Treasurer:

Dr. M. D. Profirescu, Polytechnic Institute of Bucharest, Dept. of Electronics and Telecommunications, 21 Blvd Salajan, B100 Y9 Ap. 15, Sect. 3, Bucharest, Romania.

TV EDUCATION

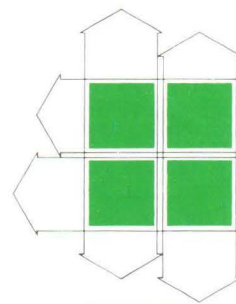
HOME VIDEO TUTORIALS - a New IEEE Continuing-Education Programme. Each tape presents one of the following subjects and includes course notes, a bibliography and practice problems.

1. Artificial Intelligence in Manufacturing; 2. Analysis and Modelling of Manufacturing Systems; 3. Three-phase Short Circuits; 4. Unsymmetrical Short Circuits; 5. The Application of System Fault Analysis to Industrial Power Distribution Systems.

The 7th International Conference on

Distributed Computing Systems

BERLIN (West), Germany,
21 – 25th September 1987
International Congress Center
Berlin



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Electronics Engineers, Inc.



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Gesellschaft
für Informatik e.V.

Conference Program: September 23–25

- Decentralized computer architectures
- Communication architecture and protocols
- Distributed operating systems and systems software
- Distributed applications
- Distributed database systems
- Software engineering and languages for distributed systems
- Reliability, fault tolerance and security
- Modelling and performance evaluation
- Theory and formalism

For further conference information and registration:

ICDCS 87

c/o Hahn-Meitner-Institut, Glienicker Str. 100,
D-1000 Berlin 39, West Germany
Phone: + 49-30-80 09 25 41

Tutorials: September 21–22

- 1 Security in distributed systems
- 2 Highly available distributed systems
- 3 MAP and TOP
- 4 Real time systems and fault tolerance
- 5 ISDN and ISDN-B
- 6 Distributed databases
- 7 Parallel processing networks and systems
- 8 Distributed operating systems

1987: BERLIN CELEBRATING



FAULT-TOLERANT COMPUTING SYSTEMS

Seestadt Bremerhaven



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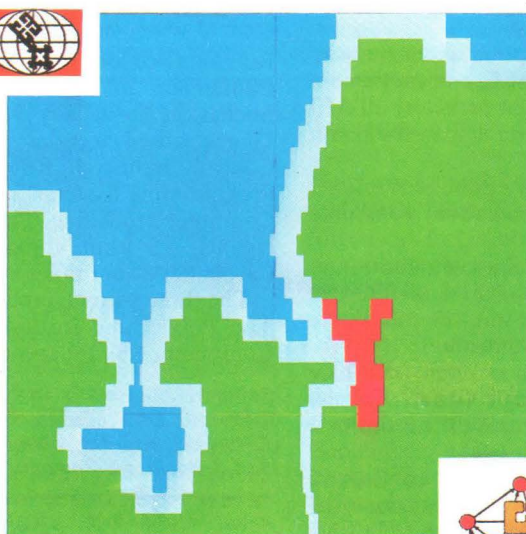
"Fault-Tolerant Computing Systems"

representing the following organizations:

Gesellschaft für Informatik,
Nachrichtentechnische Gesellschaft,
VDI/VDE-Gesellschaft Meß- und
Auto-matisierungstechnik.
Hochschule Bremerhaven

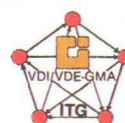
In co-operation with:

EWICS, TC 7 (European Communities);
AFCET, WG Dependable
Computers (France),
and OCG (Austria)



Conference Information and Registration:

Verband Deutscher Elektrotechniker (VDE). e.V.,
Zentralstelle Tagungen Stresemannallee 15, D-6000 Frankfurt am Main
70 (FRG).
Phone: +49-69-6308-202 (-203)



3rd International Conference

9–11th September 1987

Weser-Forum

BREMERHAVEN (FRG)

Fault Tolerance for Safety-Critical
Applications

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Fault-Tolerant Multicomputers

Fault-Tolerant Communication Systems

Error Processing in Distributed Systems

Software Fault Tolerance and
Software Reliability

Systems Diagnosis and Error Recovery

Expert Fault Finding Systems

Expert Systems and Test Generation

Dependable Systems

Test Generation

Self-Test

Reliability Evaluation

Poster Sessions (Applications, Systems)

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LETTERS TO THE EDITOR. These can now be written in any of the following seventeen languages; they will be translated into English by a kind-hearted group of volunteers. If you have a suggestion, complaint or compliment, whether it is concerned with the IEEE or just of general interest to the members, there is now no reason why you should not bring it to the notice of 19,000 engineers in the Region and elsewhere. Russian, Portuguese, Polish, Italian, Iranian, Hungarian, Hebrew, German, French, Greek, Serbocroat, Romanian, Turkish, Arabic, Spanish, Irish and The Gaelic.

CHANGE OF ADDRESS. The address label for every Region 8 News contains a space for the notification of "change of address". Return your completed form to the Editor and it will be sent to IEEE HQ, who have undertaken to deal with it quickly. The Editor thanks all those who have already completed the forms.

SECTION NEWS. local to a Section or Chapter, may be written in the local language, whatever it may be; the news will be published in that language under the heading "News from Sections".

PROBLEMS. If you have some difficulty in connection with your membership of the IEEE and have been unable to resolve it, or don't know to whom it should be directed, the Editor will help by passing the details to someone whose responsibility it is to deal with your particular problem. The Editor has absolutely no authority whatever in the IEEE administration, he can only pass your problem to someone who has the authority.



A Date for your Diary
Fifth Conference in the Series

Call for Papers
The Teaching of Electronic Engineering in Degree Courses

"SHAPING FOR THE FUTURE"

at The University of Hull, England, 28th–30th March 1988

Further details from:

The Conference Secretariat,
Department of Electronic Engineering,
The University, HULL HU6 7RX, UK. Tel: 0482 465891

Prospective authors please submit a
synopsis of approximately 300
words by 21st August 1987

REGION 8 NEWS DEADLINE & ADVERTISING RATES

Edition	February	May	August	November
News to Editor	January 1	April 1	July 1	October 1
Advertisements to Editor	January 1	April 1	July 1	October 1
Inserts to Printers	January 15	April 15	July 15	October 15

Printers: Seven Corners Press, Woodbridge Meadows, Guildford, Surrey, England, GU1 1BL.

Payment in Sterling banker's draft to the Editor:

Dr. G. H. Byford, "Sandstones", Crooksbury Road, Runfold, Farnham, Surrey, England GU10 1QB.

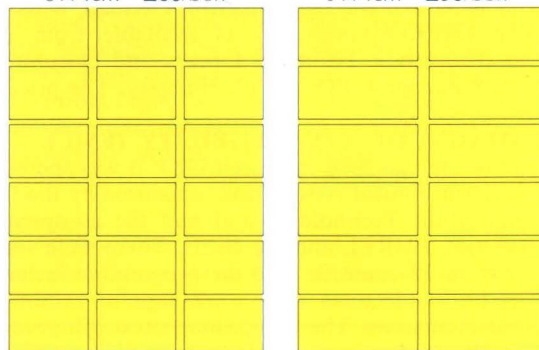
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Payment to the Editor:

Dr. G. H. Byford, "Sandstones", Crooksbury Road, Runfold, Farnham, Surrey, England GU10 1QB.

ELECTION – DIRECTOR ELECT – Candidates' Statements

CHRISTOS C. HALKIAS

(Professor of Electrical Engineering, National Technical University of Athens, and Board Member of the National Research Foundation of Greece)



The IEEE is a society of great technical excellence whose members play a significant role in shaping the future of mankind. Region 8 includes countries at different stages of development with different educational systems and unique cultural heritages. In addition the Region's members are also members of strong national Engineering Societies. The regional director must therefore strive to promote and enhance the transnational role of the IEEE and must also use all available means to make the public aware of the contributions of our profession to society. Finally the regional director must serve the needs of all members by strengthening conferences,

meetings and continued education activities.

If elected I will do my utmost to achieve the following goals:

1. Increase interaction between Sections.
2. Create a climate of intellectual excitement by promoting the achievements of our members.
3. Establish close links with the national EE societies.
4. Enhance the professional status of our members.
5. Contribute to the success of our conferences and meetings.
6. Strengthen the transnational nature of the Institute.

Biographical Note

CHRISTOS C. HALKIAS (S'58 – M'63 – SM'71) was born in Greece in 1933. He received the BSEE degree from the City College of New York in 1957 and the MS and PhD degrees from Columbia University in 1958 and 1962 respectively.

From 1962 to 1973 he was Professor of Electrical Engineering and Computer Science at Columbia University and Director of the Marcellus Hartley Electronics Laboratory. Since 1973 he has been a Professor of Electrical Engineering at the National Technical University of Athens. He has been a member of the board of directors of the National Research Foundation of Greece since 1985. Prof. Halkias has served as Director of the Computer Science Division of the National Technical University of Athens during 1984–1986 and presently he is the Director of the Electronics Laboratory. His major research interests are in the areas of computer aided design, digital signal processing and digital systems.

Dr. Halkias is a member of the Technical Chamber of Greece and Sigma XI. He has been Greece Section Chairman for two terms from 1982 to 1986 and he has served in the Technical and Organizing Committees of many IEEE Conferences. Dr. Halkias has received the IEEE Centennial Medal.

YOU MIGHT WISH TO KNOW

TECHNICAL VOCABULARY of Measurement and Instrumentation Terms in Four Languages: English, German, Russian and French. The IMEKO vocabulary is available from OMIK-Technoform (Hungarian Technical Library and Documentation Centre, H-1428 Budapest, PO Box 12, Hungary. The price is \$40 (US).

ELECTROMAGNETIC COMPATIBILITY (EMC). The 7th Zurich Symposium was held in March 1987; it was sponsored by the Swiss Electrotechnical Association, organised by the Institute for Communication Technology, and had the co-operation of national societies, EUREL and the IEEE. There were some 900 participants from 28 countries and the programme included 120 papers, three tutorial lectures, three workshops, an exhibition and two technical excursions. The Symposium proceedings are available from: EMC Symposium, ETH Zentrum-IKT, 8092 Zurich, Switzerland. Price 100 Swiss Francs. (EMC is defined as "the ability of an electrical device to operate satisfactorily within its electromagnetic environment without causing unacceptable interference with other electrical systems; a kind of protection for the electromagnetic environment".)

The 8th Zurich Symposium is planned for March 1989; the call for papers will be mailed in December 1987.

COMPEURO '88 will be held in Brussels, from 11–14 April 1988. Its theme will be "System Design: Concepts, Methods and Tools".

SVEN O. OHRVIK



The IEEE activities within Region 8 have been very successful in recent years, with a healthy increase in membership and good co-operation with the National Engineering Societies in the arrangements of regional conferences of high technical standard. However, we as IEEE members would have an even better service if the transnational nature of the organization could be further stressed.

The split up the region in many different countries would make it especially valuable to establish good technical contacts over the borders through co-operation between sections and chapters. Transnationalism also means good contacts between the sections and

chapters within the region and the IEEE Societies: larger society involvement in our conferences, more and extended distinguished lecturers programs, participation or information of the activities within different technical committees.

As my background is a mixture of industry and university, I have a large personal interest in continuing education and establishing good professional contacts between engineers in University and Industry. IEEE could give an important service to its members by introducing international aspects to continuing education programs and technical sessions.

SVEN O. OHRVIK

Biographical Note

Sven O. Ohrvik graduated from Royal Institute of Technology 1950 (civilingenjör) followed by postgraduate studies ("licentiat" 1954). Graduated from Stockholm School of Economics in 1954. Transistor circuit design experience in the US during 1955 on a scholarship from Swedish-American Foundation.

Employed 1955–1985 by Ericsson Radio Systems, Stockholm, since 1963 as R and D Manager for radio systems and technology, and for monolithic technologies. During 1984 and 1985 Visiting Professor at the Department of Applied Electronics, Lund University. From 1986 Professor of that department and consultant to Ericsson Radio Systems.

Fellow of Royal Swedish Academy of Engineering Sciences. Active in the continuing education program (organizing committee and teacher) of the Swedish Association of Graduated Engineers.

Since 1972 main technical engagement has been system and technologies for digital mobile telephone. Initiated 1975 joint Swedish research program on Digital Mobile Telephone and in 1985 Anglo-Swedish workshop program on the same topic. Participates in CCIR Working Party on Future Public Mobile Telecommunication Systems.

IEEE activities

Chairman, Swedish Section, 1984–87; Chairman, Swedish joint chapter on Com and Veh Techn., 1985–87; member planning group for co-operation between Scandinavian Sections Melecon '87; Technical Program Committee and Session Chairman, Eurocon '88; Organization Committee.

Information from Dr. P. Wodon, Philips Research Laboratory, Brussels, 2, Avenue Van Becelaere, bte8, B 1170 Bruxelles, Belgium. Tel +32 2 673 4190.

A DIRECTOR, is required for the IEEE Centre for the History of Electrical Engineering, New York City. Applications are invited from candidates who wish to be considered for this vacancy; salary negotiable. Information may be obtained from Dr. Bernard S. Finn, Division of Electricity, National Museum of American History, Smithsonian Institution, Washington, DC 205460, USA. (202) 357-1840.

INTERNATIONAL GEOSCIENCE AND REMOTE SENSING Symposium will be held in the University of Edinburgh, from 13–16 September 1988. Further information from: Dr. J. A. T. Young, Department of Geography, University of Edinburgh, Drummond Street, Edinburgh EH8 9XP, Scotland.

EUROPEAN SOLID STATE CIRCUITS CONFERENCE will be held in Bad Soden, FRG, from 25–25 September 1987. Further information from: The Secretariat, German Section of IEEE, Stresemannallee 15, D-6000 Frankfurt 70, FRG.

COMPEURO '89 will be held in Hamburg, FRG, from 8–12 May 1989. Topics are: VLSI and external memories, VLSI I/O displays, VLSI sensors and controls, VLSI and computer communication, VLSI – standard vs. custom design. Further information from: Professor W. E. Proebster, IBM Laboratory, PO Box 80-08-80, D-7000 Stuttgart 80, FRG. Tx-7265 705 IBM D.

LETTERS TO THE EDITOR

Sir,

In the May issue of the Industry Applications Society's Newsletter, Vol. XXVII No. 3, there appeared an article on "IAS Sets New Policy for Over-the-Transom Papers". It seems that a paper submitted directly to the Editor for publication in the IAS Transactions, will not be considered for publication until the author has read it to a conference organised by that Society.

It is difficult to resist the conclusion that this is overt discrimination against non-US members of the Institute who may wish to have their papers considered for publication in the Institute's Transactions. It should be remembered that all IEEE members make contributions to all the Societies by way of their subscriptions to the Institute's funds, and also that the proposed procedure would be the equivalent of making a publication charge which could amount to more than \$1000 for those outside the US borders. Is this one of the acceptable faces of "Trans-nationalism"; and is it the Institute's intention that the rule will eventually apply to all the Transactions?

There is the added objection that the proposed rule would transform the Transactions into a Post Conference Record, with the inevitable result that the Transactions will lose that justifiably high standing which all the Institute's publications enjoy amongst the scientific community of the world.

For those whose native language is not English it will almost always be necessary to improve the English before publication; it would be very difficult for a conference to do this.

Yours, etc.,

Dr. Jan Nasilowski (S.M.) (Poland)

Extracts from the IASN article:

"... the author is requested to inform the specific official of his willingness and ability to present the paper at a conference session sponsored by the IAS entity" and "The actual scheduling for publication of an approved paper will not be done until the paper has first been presented to the conference involved" and "The Transactions Editor will screen all 'approved for publication' papers to ensure that the conference-presentation-first rule has been followed. ..." (Ed.).

Translator's Note: "Over-the-transom" – of United States origin, probably Texan. The transom is the uppermost rail of the gate to a field – over the transom refers to the process of avoiding the gate by jumping over it rather than opening it in the usual way; hence, submitting your paper directly to the Journal Editor rather than making use of the properly authorised bureaucratic procedures.

IEEE NY have promised a reply for the next R8 News.

Sir,

Many of your readers will no doubt be as indignant as I am at the news that the British are to introduce Metric Time (R8 News No. 77); a step in the direction of boring uniformity by a country which has given us an almost infinite variety of measuring units. Consider for example the British measures of liquid capacity: water comes by the gill, pint, quart or gallon, except that should it be contaminated by whisky, then north of the Scottish border it is measured in "drams" – a conveniently undefined unit; but if the contamination is in the form of beer then the appropriate liquid measure would be hogsheads, kilderkins, firkins or barrels (capacity undefined so that oil should not be confused with English beer). Dry capacity on the other hand is measured in quarts, gallons, pecks, bushels and quarters, and the British housewife buys fish by the pound but shrimps and scampi by the pint.

It is, of course, no surprise that a seafaring nation should measure the depth of the ocean in fathoms and distance along its surface in cables and leagues; the altitude of an aircraft is calculated in feet, and the distance of a spacecraft from the earth in miles – but the height of a horse is expressed in hands. Other linear measures are: the barleycorn (3 = 1 inch), the rod or pole (1 = 16½ feet), the chain (1 = 4 poles), the furlong and the mile. Should you wish to enter the apothecary's trade (pharmacist) then you must familiarise yourself with minims, drachms and drops for fluids, and scruples, drachms and grains for weight. In the world of precious metals there are grains, pennyweights, ounces and hundredweights, the last two not to be confused with the units for measuring butter or coal. There are 12 ounces to one pound of gold but 16 ounces to one pound of butter, and 100 pounds to one hundredweight of silver but 112 pounds to one hundredweight of coal.

If further proof is wanted of the overwhelming superiority of the British Imperial system, one has but to remember that 0.3937008 inches = 1 cm, 1 cubic inch = 0.0163873 litres and 1 pint = 0.56801 litres; how is it that our scientific and engineering community has permitted the introduction of this new Metric System, thereby forcing upon us such inconvenient conversion factors? The Imperial units have been responsible for the training of a nation of agile arithmeticians highly skilled in the manipulation of distorted logic. Unfortunately, now only in the United States will you find the British Thermal Unit, the Pound and the Yard; the New World remains the sole supporter of an elegant system of measurement which has a special unit for every conceivable situation. The killing of Imperial time will surely be remembered as one of the saddest acts in the history of science.

Yours, etc.,

M. H. Broderick

(Emmendingen, West Germany)

A Polite Request by Robert C. Winton

The IEEE computer in New Jersey presents its compliments to all members in Region 8; it would be most grateful if you could pay your subscription (dues) promptly and in accordance with the rules – failure to do so results in human intervention, with the inevitable risk of inconvenience to you and to the IEEE administration.

- Check that the Renewal Notice has your correct address; if it does not, write to the Member Services Department, whose address is given below.
- Send your payment promptly by airmail, to the correct address.
- Pay the correct amount. Are you changing your Society membership, or your publications.
- Be sure that your membership number is written on the front of your cheque and include your name and address.
- If you pay by cheque, attach the payment slip to it.

Any difficulty please contact:

The Member Services Department, IEEE Service Centre,
445 Hoes Lane, Piscataway, New Jersey 08854, USA.
(Telex 833 233 IEEE PWAY).

If you receive a payment reminder, and you have already paid, do not make a second payment.

CHANGE OF ADDRESS

The following information has been provided by Mr. Mark Lucas, manager of the Section/Chapter Services Department of the IEEE Field Services, Piscataway, NJ.

A Member's address will be corrected within a few days of the change being received by IEEE HQ.*

If a Member's mail is returned to the IEEE (or the R8 News Editor) by the postal authorities as "undelivered" or "not at this address", etc., then his record in the computer data base is marked "hold mail"; mail delivery is resumed as soon as HQ have the member's new address.

* The R8 News change of address forms (some 300 of them for the May issue) are posted in bulk to HQ by the Editor. Unfortunately, because the forms are collected over a period of about four weeks, a few members whose forms are not received in time will not have their address records amended before the next batch of R8 News labels is printed; a little patience, please, they will be correct for the succeeding News.

It is important that HQ should have your correct address, not only for the R8 News but also for your journals and other publications. If you are having difficulty with the delivery of your publications, do first ensure that you have not forgotten to tell IEEE of a change of address. If your difficulties continue please write to the Editor.

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An Integrated Problem-Solving Approach

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Further information: Dr. H. A. Shearring, IMODI Ltd., PO Box 143, Douglas, Isle of Man, British Isles.

Telex: 629748 MANX G

COMPEURO 88

Brussels, April 11-14, 1988

Call for papers deadline

Don't forget to submit your paper on
"SYSTEM DESIGN: Concepts, Methods and Tools"

Before the end of August

P. Wodon

Philips Research Laboratory Brussels

2, Avenue Van Becelaere, bte 8

B 1170 BRUXELLES

Phone: 32 2 673 41 90

Fax: 32 2 672 89 91

uucp: prlb2!wodon

ECOLE POYTECHNIQUE FEDERALE DE LAUSANNE
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JOURNEES D'ELECTRONIQUE

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International conference on

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Presentations are given in French or English exclusively by invited speakers, top level scientists and managers from Europe and the USA.

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Information, detailed program and registration forms:

Secrétariat des Journées d'Electronique, Mme Heidi Bernau,
DE-EPFL, 16 ch. de Bellerive, CH- 1007 LAUSANNE,
Tél. (021) 47'26'24

Registration Fees:

before September 15th, 1987: normal fee.....Frs. 300.-

special rate for EPF students and EPF members.....Frs. 50.-

Extra charge for registration received after Sept.15th.....Frs. 50.-



FACULTY POSITION

The Board of Governors of the
Eindhoven University of Technology
announces the vacancy for a
tenure position of

FULL PROFESSOR IN TELECOMMUNICATIONS

in the Department of Electrical Engineering
in the Telecommunications Division. The
emphasis of the research will be on Radio-
communications, as the other professor in
the group specialises in Line Communica-
tions, in particular communication via glass
fibres. It is expected that the new
professor will have had experience with
satellite communications and mobile
communications, including the aspects of
electromagnetic compatibility.

The expected course load will be one
general undergraduate course in Tele-
communications, and a graduate course in
the specialisation described above.

Those who wish to reflect on this position,
or those who are able to suggest good
candidates, are requested to contact the
Department Chairman, PO Box 513, 5600
MB Eindhoven, The Netherlands. (V6940)