

IEEE Region 8 newsletter



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THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
INCORPORATED

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IN THE BEGINNING



Professor H. M. Barlow, FRS Microwave Career Award

FROM time to time IEEE Societies acknowledge those engineers who have contributed a lifetime of outstanding service to their subject – Professor H. M. Barlow is the well-merited recipient of the MTT Society's 1984 Career Award.

As Sub-Lieutenant Barlow he was commissioned in the Royal Naval Volunteer Reserve at the age of 17. Here he worked on the then new science of wireless communication, investigating the possibility that radio signals could be received in submarines at a depth of 30ft. The transmitter used a 100kW Poulsen arc oscillator operating at a frequency of 15kHz; under favourable circumstances it had a range of some 100 miles.

After only two years post-war study at University College he was awarded a First Class Honours Degree and the Diploma of the City and Guilds Institute, of which body he is now a Fellow. A short period in his father's electrical contracting company sharpened his preference for an academic life and he accepted a post as lecturer on the Design of Electrical Machines, in the department of Sir Ambrose Fleming – salary £300 per year. That decision he has never regretted. The "electronic valves" with which he was then experimenting were hand made and used substantial electrically driven vacuum pumps – how many transistors do we now use to the square millimetre?

The octogenarian Professor Barlow still remembers well conversations with Guglielmo Marconi; he has lost none of his stimulating mental capacity and is still publishing research results, but now on Optic Fibres. It was a very great pleasure to meet and talk to someone who was there when it all began, and who brings vividly to life those whose names are to most of us no more than words in a book.



Professor Robert C. G. Williams, OBE

BOB Williams acted as obstetrician, gynaecologist and midwife at the birth of the infant United Kingdom and Eire Section, the fifth in Europe; he served as its chairman for several years and then became a founder member, and later director, of what is now Region 8. Bob maintains that he was fortunate in having the support of influential princes in the electrical industry: Sir Harold Bishop CBE, Sir John Hacking, Professor R. L. Smith-Rose, a Dr. H. M. Barlow, and someone with whom we are still on secretarial terms, Robert C. Winton; it is difficult to believe that so famous a team was assembled just by fortune.

At the suggestion of Bill Devenish, for many years its editor, the "UKRI Newsletter" was set in motion, the Williams house and family being given over to its production, with Mrs. Williams as typographer and printer. A little later it became the "Region 8 Newsletter", still under the direction of Bob Williams: today it has a circulation in excess of 15,000.

The IEEE and Newsletters have not been the only jewel in the Williams crown; he envisaged a "Televarsity" which, using television, would bring a "home" university to many who lacked an advanced education; with the aid of the British Broadcasting Corporation it came to fruition. Cable television was another vision which has been converted to reality. It was long an ambition that his home town, Guildford, should have its own university, broadcasting station and theatre – now it has all three, with Professor Williams closely associated.

Our professor has served on numerous advisory boards, and on industrial, academic and professional society councils. He may have given up his formal association with the Newsletter, but fortunately for the new editor he lives only ten minutes drive away. Much has been stored since the beginning, one has only to ask and the cheerful voice of experience retrieves it.

Why attend a conference? – or – Why not?

MEMBERS of IEEE Conference Committees devote much of their committee time to devising ways of encouraging you to come to their conferences, without really knowing the underlying reasons upon which your decision is based: to attend or not to attend, that is the question. Here is a letter from Dr. Brian Cory of the Department of Electrical Engineering, Imperial College.

The Editor,
Region 8 Newsletter.
Sir,

You asked for views on why people attend (or don't attend) conferences. Here are some observations from an academic who is a comparatively avid attendee compared with many of my colleagues.

1. Conference attendance depends upon a number of factors, among which are:

- (i) involvement in research and development;
- (ii) availability of funds for travel, accommodation, registration;
- (iii) encouragement received from professor or head of group;
- (iv) teaching or administrative commitments.

2. Research-development groups tend to work their way into a kind of "coterie" which could be national or international depending upon the level of activity and quality of their work. Once involved in the coterie, conferences, at which a reasonable number of like minds will attend, are a "must" for one or two group members.

3. Academic promotion depends upon number and quality of publications (whereas industrial promotion depends more on ability to manage people). University promotion committees rely heavily on recommendations from panels of experts who then depend upon two things: (i) their personal knowledge of the candidate, gained by meeting him/her mainly at conferences, discussion meetings, etc., and (ii) the number of papers refereed by an established editorial or conference panel.

Generally, for conference papers to be recognised as worthy contributions to practice and knowledge, it is worth attending only those conferences which have a reputation and standing in the academic community. A typical example is the IEEE Power Engineering Society Winter and Summer Power Meetings in North America, at which it is possible to find at any meeting a large number of international experts in specialised subjects. The conference papers are very carefully refereed before acceptance, and afterwards published in the transactions, with written discussion. A similar reputation has been built up for specialised IEE(UK) conferences because conference proceedings are freely available worldwide after each conference.

4. Given that funding is limited, it is necessary therefore to select carefully those conferences worth attending, according to the above criteria. Despite the worthy aims of conferences like EUROCON, their fields of interest are so wide that they will never attract many experts in any particular discipline, so the chances of meeting someone in your own field from whom you can gain ideas or discuss the latest developments are slim. Additionally, the proceedings are not generally available in scientific/university/college libraries, so a paper read at such a conference is unlikely to be seen again. Consequently, unless there is a strong following for a conference for other reasons, e.g. nationalistic, a known theme, latest developments of great importance to the scientific-engineering community; then general interest, "non-coterie" conferences are unlikely to succeed.

5. The reason why industrialists attend conferences is undoubtedly different from those given above. My impression is that they look for value for money or some involvement which is likely to benefit their activity, e.g. an exhibition where sales can be made or prospective customers contacted. Unless they are directly involved in research-development, conferences of the learned society type are not attractive to them.

Yours sincerely,
BRIAN CORY

Are Dr. Cory's views commonly held by all academics, and is his assumption concerning industrialists correct? If the fundamental conference question can be answered, then perhaps we might all benefit from conferences which are larger, smaller, more specialised, more general and so on. There must be in the Region a wealth of experience and opinion on the subject; the Editor would welcome your views; if you so wish it, your name will not be made public. His address is on the front page of the Newsletter.

PUBLICATIONS

By Mr. Frits Arink, Publications Representative

THE Director has asked me to consider a possible new publication programme for the Region; but first a summary of the past year.

Publication Delivery. There are two main causes of slow delivery to individual members: member status and transport. Quite frequently the discontinuation of a publication is the first sign of the existence of a problem which has as its origin member status. Fortunately only a few cases were reported to me during the past year; I would recommend that Section secretaries should check the information in the monthly "mutation" sheets and act immediately on any irregularity. The Field Services Department has provided excellent help in solving problems.

The delivery time for publications is another major problem; it was discussed with IEEE New York. Shipments sometimes await the accumulation of minimum quantities before despatch; lesser quantities could go to countries with fewer members. Shipment delays do occur in the case of remote destinations and difficult postal conditions. The IEEE has special arrangements with commercial mail carriers with the aim of improving its service. All these matters require constant attention.

Submission of Papers. All papers sent to me for Magazines or Transactions have been passed to the editors concerned.

Publication Policy. Information about the IEEE publication policy has been given to conference organisers.

New Projects. The recent Section Congress identified a number of recommendations for technical publications; the importance of each has been defined for both Regions and Sections:

1. More practical engineering papers in magazines and transactions.
2. Speeding up of the review process.
3. Speeding up of deliveries.
4. Use of electronic indexing and retrieval; in addition to microfiche.
5. New topics for special publications and transactions.
6. Translation facilities for non-English manuscripts.

I also intend to consider the following:

i. Closer contact with Dr. Mick Byford, Newsletter Editor, with the aim of further improving the service provided by the Newsletter.

ii. To make funds available for special Student Branch publications and local newsletters. One Student Branch – Eindhoven – has already taken an initiative in this direction. Requests must be co-ordinated in order to establish whether or not the Region 8 Newsletter can be used for this purpose. This will be discussed in more detail with Mr. Dick Poortvliet, SAC Chairman.

iii. To investigate the fields in which new publications are desirable, especially from a European point of view. Possibilities are: optical data storage, and medical data processing; the present literature is scattered over several publications.

iv. To assist in making tutorial publications available for educational purposes.

v. To assist conference organisers in arranging publication of proceedings by the IEEE press.

It is my aim to prepare a summary of these possibilities together with the chairmen concerned and to submit this to the Director; I shall also prepare a plan and a budget which will support these activities. In discussion with Dr. Rolf Remshardt, Regional Treasurer, it was indicated that a budget of some \$1500–2000 would not be difficult to meet.



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The explosive growth of technology today has made programs such as the CONTINUING ENGINEERING EDUCATION PROGRAM of THE GEORGE WASHINGTON UNIVERSITY invaluable for practicing engineers who wish to remain current in their fields of expertise or who wish to learn about emerging technologies.

The CONTINUING ENGINEERING EDUCATION PROGRAM consists of over 500 intensive, short courses designed to enhance the competence of engineers, scientists and managers. The seminars are taught by instructors from industry, government, and universities who are in the forefront of their respective fields.

The CONTINUING ENGINEERING EDUCATION PROGRAM is the largest program of its type in the United States. The first seminars were presented in Washington, D.C. in 1969, and in 1977 the Program expanded to include regular seminar presentations in major European cities throughout the year.

The CONTINUING ENGINEERING EDUCATION PROGRAM has also arranged for the presentation of many "on-site" courses for such companies as IBM, Cable and Wireless PLC, Olivetti, Philips, and Bull Systemes. Special arrangements can often be made for presentation of seminars for organizations requesting training for a group of their personnel.

Seminars in the areas of Computers, Communications, Electronics, Industrial Engineering, and Engineering Management are scheduled for presentation from November 1985 through March 1986 in London, England.

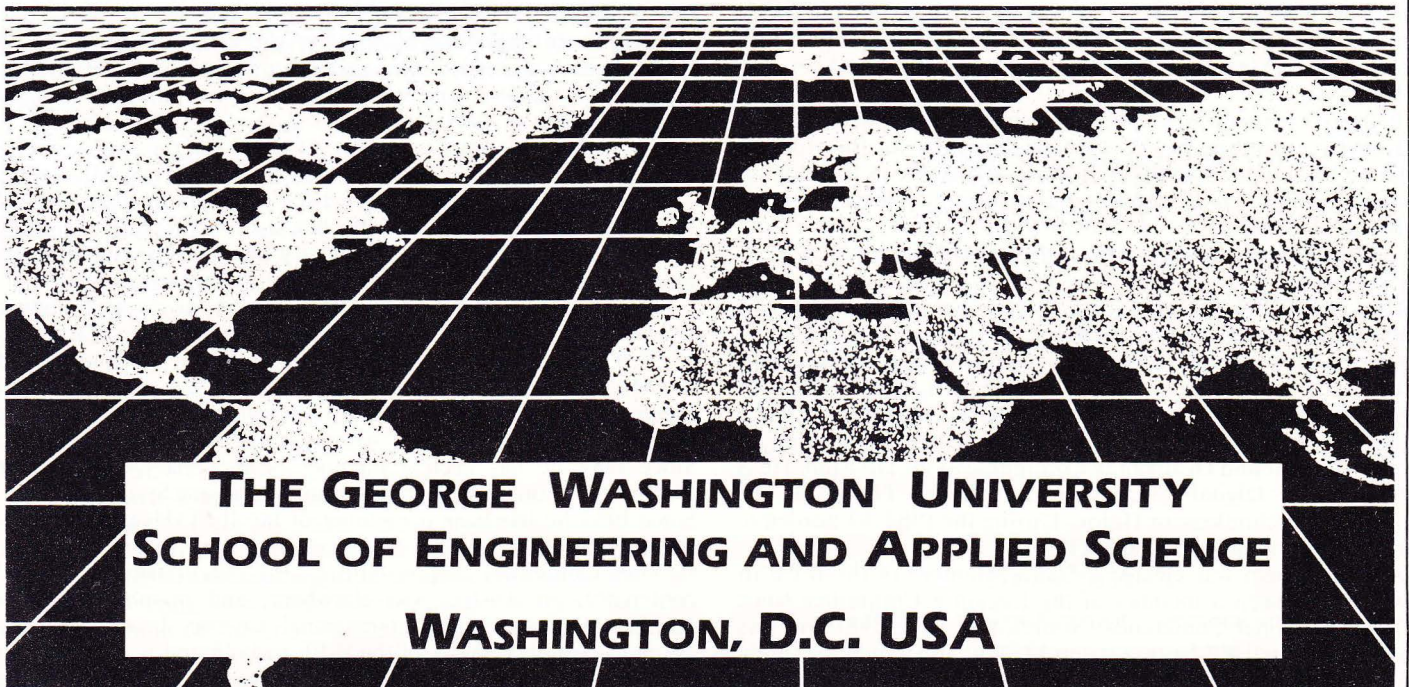
Topics include:

- Radar Systems Analysis
- Data Communications Standards
- Local Area Data Communications Networks
- Introduction to Receivers
- Modern Receiver Design
- Digital Telephony
- The Technical Manager
- Advanced Project Management

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**THE GEORGE WASHINGTON UNIVERSITY
SCHOOL OF ENGINEERING AND APPLIED SCIENCE
WASHINGTON, D.C. USA**

TECHNICAL EDUCATION IS AN INVESTMENT IN THE FUTURE

DIRECTOR ELECT CANDIDATES FOR ELECTION

What they will do for you – if you vote



Dr. Jacob Baal-Schem

Deputy Director, ICTAF Tel-Aviv University, Israel; Conference Co-ordinator IEEE Region 8

THE unprecedented technological developments flooding our society place heavy demands for professional excellence on IEEE members in Region 8. I intend to use my experience as Conference Co-ordinator to promote free exchange of technological know-how through conferences and lectures, in close collaboration with IEEE Sections, National Societies and EUREL.

If elected Director, I shall do my utmost to continue the efforts of former Region 8 Directors and Officers in improving the membership growth rate; we shall strive to reach 25,000 members in Region 8 on its 25th anniversary in 1988. I shall work with the Regional Committee to encourage students' activities, provide sections with educational aids and maintain good contact with our members through the Regional Newsletter, while using my experience as Section Chairman to strengthen the financial well-being of the Region.

I believe that top priority should be given to the concerns of the dues-paying members, with special attention to the specific problems of electrical and electronics engineers in developing countries; in this way I intend to represent Region 8 members on the Board of Directors.

It will be an honour to serve you as Regional Director.

From 1960–75 Dr. Baal-Schem was active in planning and supervising large telecommunications projects and in 1976 was nominated Head of the Electronics Division of a Government Research and Development Agency. Since 1978 he has been with the Interdisciplinary Centre for Technological Analysis and Forecasting at Tel-Aviv University, where he holds the position of Deputy Director and Head of the Communications Division. He is a Professor of Digital Circuits and Automata Theory at the Institute for Technology in Holon. During the 1982–83 academic year he was Visiting Scholar at MIT.

Dr. Baal-Schem was elected a Senior Member of the IEEE in 1978; has been a member of the Region 8 Committee since 1977 and Regional Conference Co-ordinator since 1981. He was Chairman of the IEEE Israel Section 1977–81 and a member of the Israel Section ExCom 1981–84. He was chairman of Melecon '81 and Africon '83 and now serves on the Steering Committee of Melecon '85, and Africon '86 and also on the Standing Committee of CompEuro.



Dr. Kurt R. Richter

Professor and Dean of the Department of Electrical Engineering at the Technical University of Graz, Austria

AS chairman of the IEEE Austria Section and a member of Region 8 Committee for the last five years, I have acquired a good understanding of the work undertaken within the Region. I have worked for four Directors of Region 8 and with the Region 8 Committee and feel confident that I could successfully stand up for the rights and needs of the IEEE members in the Region. I would continue to promote the aims of Region 8 with respect to membership development, student activities, continuing education, co-operation with other societies and institutions, conferences and similar activities. All this would need to be done bearing in mind the particular interests of the Sections whilst at the same time recognising the problems posed by transnationality.

I have been impressed by the way the Electrical Engineers of Region 8 have worked as one community regardless of nationality, language or religion, and would strive to maintain that mutual understanding.

Dr. Richter has since 1970 been a lecturer in Microwave Measurements and was during 1972–3 a Senior Postdoctoral Research Associate at NASA. He has since 1975 been Head of the Institute of Fundamentals and Theory of Electrical Engineering. He was awarded the "Kardinal Innitzer Forderungspreis" in 1972.

His IEEE activities include: Chairman of the Austria Section 1980–84, Jury member for the 1982/83 Student Paper Contest, MTT Transactions Editorial Board 1970–72. He is a member of the Microwaves Theory and Techniques and the Aerospace and Electronic Systems Societies; and was a member of the Programme Committee for IGARSS'84 – Geoscience and Remote Sensing. Since 1984 he has been a member of the Space-based Radar Committee of the IEEE Aerospace and Electronic Systems Society. Since 1985 he has been a member of the IEEE Hearing Panel – IEEE Bylaw 112.3.

Other Committee responsibilities: the organisation of several conferences in Austria and elsewhere, and membership of a number of national and international advisory boards. He was elected a Senior Member of the IEEE in 1985 and is a member of the European Association of Remote Sensing Laboratories, the Austrian Association of Electrical Engineering, and the communication Engineering Society of the German Association of Engineers.

FROM THE SECTIONS

POLAND

THE Executive Committee organises monthly meetings with excellent attendances from both the members and the past-chairmen – Professor A. Smolinski and Professor A. Sowinski. This small Section of some 56 members has always in mind that it must be seen, in the presence of the larger community of the Polish Electrical Society of more than 50,000 members, a Society which lends support to the Poland Section of the IEEE. There is a very good basis for co-operation – the common aim of promoting electrical science and technology.

The Section has taken every opportunity to organise IEEE lecture meetings and since October 1984 the following have been presented:

Advanced Models of Fading Radio Channels Professor A. Wojnar, SM.

The Application of Cryoelectronics to Precise Electromagnetic Measurements Professor S. Hann, SM.

My Impressions after Visiting Mexico Professor H. Sibilski: Electrotechnical Institute, Warszawa.

Exploitation of International Information Systems in Czechoslovakia Eng. L. Dykast: Electrotechnical Institute, Praha.

High Efficiency Modulators for High-power HF Transmitters Eng. J. Rutkowski, Ministry of Telecommunications, Warszawa.

The Measurement of Impedance of the Arc Furnace Professor K. Bretthausen, Technical University, Clausthal, FRG.

Lattice Modes for Land Mobile Radio Systems Prof. A. Wojnar, SM.

(Accompanying these news items were two well produced booklets: the first containing current information for Members and the second a biography in honour of the late Professor Janusz Groszkowski. Both were very well produced and a credit to the enthusiasm of so small a section. Ed.)

GERMANY

IN the process of formation are three **New Chapters**: Microwave Theory and Techniques, the Computer Society, and the Communications Society; all are strongly supported by the Section. There will also be a Chapter on Geoscience and Remote Sensing to cover Region 8: for information contact Section Secretariat, Stresemannallee 15, VDE-Haus, D-6000 Frankfurt 70.

Student Membership of the Stuttgart Branch is now 40. A new Student Branch was founded in Munich in 1984 and the formation of additional Branches in Aachen and Karlsruhe is now being planned.

The **Number of Members** continues to rise and now exceeds 1130. In addition some 170 IEEE members are with the US forces in Germany. Society members number 2400 (due to multiple nominations). A Members Roster is available on request from the Section Secretary, Professor Dr.-Ing. Ernst Lueder, from Stuttgart, was honoured as a new IEEE Fellow.

Conferences. In the second half of 1985 the Germany Section will be co-operating in the following conferences: 5th International Symposium on Electrets, 15th ESSDERC, and the 7th DAGM Symposium on Pattern Recognition. These meetings will be associated with IEEE Member Meetings. In addition, support is being given to the 7th International Telecommunications Energy Conference (October in Munich), and Optical Fibre Cables (October in Bad Nauheim).

The **Executive Committee** held its yearly meeting on April 22nd at the Institute of Network Theory and Circuit Technique of the Technical University, Munich. Several steps to increase transnational technical exchange were discussed. A very successful local Members Meeting was held by invitation of the "Siemens-Stiftung". About 60 members gathered for an excellent buffet in the beautiful castle of Nymphenburg and later for an animated discussion on the impact of Computer Science and Informatics on the IEEE. Professor Proebster, IEEE Secretary, gave the keynote speech summarising the educational activities of the Institute. The next local Members Meeting will be in February 1986 at Bochum.

DENMARK



*P. Martin Larsen
Denmark Section
Chairman 1985*

HISTORY of Technology. The IEEE Centenary was celebrated in the autumn of 1983 with a series of six lectures on the History of Technology, which were printed (in Danish) under the title "Six Stories from History of Technology" and edited by Professor Dr. O. I. Franksen. The book will shortly be promoted in the other Scandinavian countries; it can be ordered from the Denmark Section for DKK 80,00 including postage. If agreement can be obtained from the IEEE press it will be translated into English and offered to all IEEE members. The

"Executive Committee" elected the following officers for 1985:

Chairman: Associate Professor P. Martin Larsen.

Vice-chairman: Mr. J. Damgaard Andersen (past chairman).

Secretary/Treasurer: Mr. K. W. Weisbert (re-election).

Professor Larsen has been with the Electric Power Engineering Department at the Technical University of Denmark since 1959. He was vice-chairman of the Denmark Section in 1969 when the Section was established, as a result of the initiative of Professor G. Bruun, chairman 1970–71. In the meantime Professor Larsen has been chairman of the IFAC Technical Committee on Education 1978–84.

Centennial Medals were presented to four candidates selected by the Section:

Managing Director Chr. Rovsing.

Managing Director Erik B. Rasmussen.

Professor H. Lottrup Knudsen.

Assistant Professor Aage Pedersen.

Professor Per Brinch Hansen has been elected a **Fellow of the IEEE**. Professor Hansen graduated from the Technical University of Denmark. He was visiting professor at Carnegie-Mellon University in 1970 and professor of Computer Science at the California Institute of Technology and at the University of Southern California.

Superconductivity was the title of a Miniseminar organised in conjunction with the Danish company Islef & Hagen A/S, and the Electrotechnical groups of the Danish Society of Chemical, Civil, Electrical and Mechanical Engineers.

Students' Branches

GREECE

By E. A. Karagiannis, President of the Student Branch

WE are in the pleasant position of being able to announce the reactivation of our Student Branch, and the election of Mr. E. G. Kavagiannis as President and Mr. D. Thanasas as Vice-president and Secretary. There has been a 50% increase in the number of members in the Branch.

We are organising a microfiche library to serve the Southern Europe and Middle East areas; it will contain copies of all publications of the thirty-one Societies of the IEEE.

BENELUX

By Philippe Siraut, Region 8 Centennial Student

DURING the Centennial year we considered how the Region might assist in the formulation of our future programme. Here the universities do a great part of what the IEEE SAC's do in other Regions; possibly the most interesting project in which it could help would be the organisation of transnational meetings of

Students' Branches *continued*

student branches from different countries.

At the suggestion of the Eindhoven Branch we arranged last April, for the first time, such an international meeting of five student branches of the Benelux countries (Delft, Eindhoven, Leuven, Liege and Louvain-la-Neuve), who each acted as hosts to the branches of Oulu in Finland, and Stuttgart and Munchen in West Germany. Each receiving branch organised for the visitors, technical and cultural visits, social events, transport between cities, and lodgings in students' houses or youth hostels.



Three members of the Branch Stuttgart, Philippe Adant, Chairman Branch Louvain-la-Neuve.

Both hosts and visitors enjoyed these meetings immensely; we hope that you will not miss the opportunity to arrange similar future events, in the certain knowledge that they will be in every way profitable for everyone.

IEEE REGION 8 AND THE MIDDLE AND SOUTH ITALY SECTION ANNOUNCE THE CO-SPONSORSHIP OF THE

Joint Conference

33rd INTERNATIONAL CONGRESS ON ELECTRONICS

26th INTERNATIONAL MEETING ON SPACE

TO BE HELD IN

ROME, PALAZZO DEI CONGRESSI,

18-19-20 MARCH 1986,

WITHIN THE FRAMEWORK OF

33rd INTERNATIONAL ELECTRONICS, ENERGY AND SPACE EXPOSITION

Topic:

DIGITAL NETWORKS AND THEIR EVOLUTION SPACE AND TERRESTRIAL SYSTEMS

1. **Research and development**

Chairman: Patrice d'Oultremont, CEE, Brussels, BE

2. **Systems integration and co-ordination**

Chairman: Francois Lucas, CNET, Lannion, FR

3. **New services**

Chairman: Herbert V. Bertine, AT&T, Holmdel, NJ, US

4. **Evolution of existing networks**

Chairman: Pietro Masarati, SIP, Rome, IT

5. **In-orbit infrastructures**

Chairman: Pierre Bartholomé, ESA-ESTEC, Noordwijk, NL

There will also be a

SEMINAR ON ADVANCED BIOMEDICAL SCIENCES

Those who intend to submit a written contribution must notify the Secretariat before 15 September 1985, enclosing a summary (500 words). Accepted papers will be published in the Proceedings of the Congress.

Registration fee is 180,000 It. lire.

Congress Secretariat

RIENA, Via Crescenzo 9, I 00193 Rome, Italy

Tel: (06) 656.93.43, Telex 611407 Riena I.

DIRECTOR ELECT CANDIDATES FOR ELECTION What they will do for you – if you vote

Dr. Hugo Ruechardt

THERE is no other IEEE Region equally challenging in its economic and political complexity as Region 8, which encompasses Africa, the Middle East, Europe and – least accessible – the USSR. If elected Regional Director I would work very hard to strengthen further, technical and scientific activities in Electrical and Electronan-ifimCEØI throughout the Region. This would be accomplished by appropriate contacts, by the provision of advice and support for our existing national Sections, by increased communication and co-operation between the different Sections and finally by intelligent advocacy of regional interests at the IEEE Board of Directors in New York.

A matter of high priority will be for the continuation of our regional conferences EUROCON, MELECON and AFRICON. These conferences should be especially focussed not only on improved contributions from the experts but also on bringing to the notice of the public the challenges of tomorrow, particularly high technology, modern communication and complex system management.

Finally, I would devote myself to enhancing the interests of the individual IEEE members in the pursuance of their professional tasks.

(The Editor regrets that a photograph and biographical details for Dr. Ruechardt were not available at the time of publication.)

Message from Region 8 Director

IN most countries of the IEEE Region 8 there is a national or transnational Institution or Society which influences the status and prestige of electrical and electronic engineers in that country. It is in this context that the IEEE has to recruit and operate within their preserves, and it is essential for us to work continuously towards the maintenance of good relations with the national Societies. This is a pre-eminent requirement for our own membership development, as in order to grow we need to collaborate and not compete.

We are encouraging our 24 Sections to form more Chapters of the IEEE Societies, but for this to succeed we rely on the enthusiasm of IEEE Society members in the Sections. Otherwise we generate a list of Chapters which fail to raise enough interest to get members to attend, and the moribund Chapter then gets killed off by the "two meetings a year" rule.

The active volunteers in our chapters form an important link between Society and Section; and as a result the Sections sponsor many successful conferences, symposia and tutorial workshops.

The IEEE Society Chapters play an important part in the life of our Sections. Most of the IEEE meetings in Region 8 are those arranged by Chapters, and for many individual members their main personal contact with the IEEE is at these meetings.

It is vital for the IEEE Societies and for Region 8 to support the local Sections in the task of maintaining and improving a state of mutual respect between IEEE and the national Societies.

The IEEE Societies can play a significant part in supporting the prestige of the Sections and their Chapters, by wherever possible working through the Sections in any dealings with national Societies, e.g. in the co-sponsorship of conferences on behalf of the IEEE.

ELECTIONS FOR 1986

Two candidates for the executive vice-presidency

Statement by Merrill W. Buckley, Jr.

The duties of the Executive V.P. are probably the least explicit of any of the IEEE corporate officers. This has been particularly evident since the adoption of the President-Elect concept in 1982. The value of the position therefore depends in large measure on how the person who is elected approaches their term of office.

If elected, I would enthusiastically undertake the usual functions of the office which are to assist the President, to chair the Conference Committee, and to coordinate and report on the activities of the committees assigned to the Executive V.P. But I would also spend a good deal of time on other important Institute issues. The recently completed Centennial Year survey of what our membership thinks should be done to improve the IEEE would be my agenda.

Since our bylaws state that "the Executive V.P. will be responsible for broad corporate matters and may appoint such ad hoc committees as may be required to discharge his/her duties" there is a ready made mechanism available to work on key issues.

I believe we need, and would initiate, ad hoc committees of our best people to address the membership's concerns and to develop specific recommendations for Board of Directors action on such issues as:

- Enhancing our professional image
- Low cost continuing education
- Application oriented publications
- Improving the IEEE/industry relationship
- Worldwide distinguished lecture program
- An affordable dues structure
- Priority review for professional activities
- Continuing support of AAES

Statement by Emerson W. Pugh

It is an honor to be considered for the office of Executive Vice President. If elected, I will devote myself to that position with four primary goals:

- Improve the volunteer structure of IEEE to attract our best members, to use their services wisely, and to assure that their efforts are applied to the good of all members.
- Help our members increase their technical competence through improved IEEE publications, conferences, and educational programs.
- Increase the monetary rewards and other recognition accorded to engineers through improved public awareness of their contributions and by developing broader opportunities for engineers.
- Make the international engineering community, and IEEE in particular, a force for promoting world peace and a better life for all.

In working to achieve these goals, I will seek the advice and help of as many members as possible; I will draw on my work experience in industry, government, academia, and international technology development and on my fifteen years of experience as an IEEE volunteer—including conference chairman, transactions editor, society president, Publications Board vice chairman, and member of the Board of Directors.

A specific function of the Executive Vice President is to chair the Conference Board, created last year to address a number of specific problems. As a member of that board this year, I am obtaining insights that will help me be more effective during the one-year term of the Executive Vice President.

East-West Detente

Science shows politicians the way

THE Popov Society invited the IEEE President to dinner, he accepted, and they talked; no threats, no complaints, no bad language – nothing but "bonhomie" and goodwill. Afterwards they issued the following communique:

PROTOCOL

Both the Popov Society of the USSR and the IEEE have agreed to study renewal of relations. A meeting took place on May 22nd 1985 in Moscow, between Popov President Siforov and IEEE President Eldon. Discussion covered the requirement that benefits must be mutual. They are to include mutual exchange of

Conference Schedules.

Technical Papers for Publication.

Visits of Open Technical Facilities by Highly Qualified Technical Leaders.

Exchanges of Highly Qualified Engineer-scientist to Learn about Open Research.

Popov Society will submit to IEEE within about 60 days a detailed proposal for consideration by the IEEE Board.

Richard M. Emberson

IT is with profound sadness that we have learned of the death of Dick Emberson, a man who quite naturally made so many friends. He was in the IEEE the Staff Director of Technical Activities, the General Manager, and Executive Consultant to the Board of Directors.

All of us in Region 8 extend our sympathy to his wife and family, who will I am sure be consoled by the knowledge that he gave so freely of himself to his colleagues; he has taken his leave of us as a friend who left this world a better place than he found it.

Editor

Continuing Education

Continuing Education Institute – Short Courses

1. **Discrete-Time Signal Processing.** October 21–24 1985: Atlantis Sheraton, ZURICH, Switzerland.
2. **Modern Spectral Analysis.** April 14–18 1986: Davos Congress Centre, DAVOS, Switzerland.
3. **Modern Microwave Measurements – Signal and Network Analysis, Microwave Products, and System Characterisation.** October 8–11 1985: SAS Arlandia Hotel, STOCKHOLM, Sweden. March 18–21 1986: Arabella Conference Centre, MUNICH, West Germany.
4. **Microwave Circuits Theory and Applications.** October 14–18 1985: SODERKOPINGS BRUNN, Sweden. April 14–18 1986: Davos Congress Centre, DAVOS, Switzerland.
5. **Compound Semiconductor Materials and Process Technology.** September 2–6 1985: Davos Congress Centre, DAVOS, Switzerland.
6. **Semiconductor Materials and Process Technologies.** September 2–6 1985: Davos Congress Centre, DAVOS, Switzerland.
7. **Electroplating Technology – Principles and Current Practices.** September 16–19 1985: SUNNE, Switzerland.
8. **Nitride and Carbide Coatings.** September 9–13 1985: LSRH Research Centre, NAUCHATEL, Switzerland.
9. **Fibre Composites.** September 23–27 1985: Davos Congress Centre, DAVOS, Switzerland.
10. **Adhesion and Adhesive Joints.** September 2–6 1985: Lufthansa Training Centre, WEST GERMANY.

Further information concerning these short high technology courses may be obtained from: Continuing Education Institute – Europe, Rorstorpsvagen 5, S-61200 Finspang, Sweden. (+46) 0122 17570.

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By Robert C. Winton, Secretary Region 8

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