This is the Fiftieth Newsletter. Something to be proud of. Professor R. C. G. Williams established the Region 8 Newsletter and ever since then he has devoted a great deal of his time and effort to every issue. Congratulations and many thanks Prof. Williams.

On January 21 I visited Copenhagen to attend a Conference Steering Committee (CSC) meeting to discuss EUROCON 82. It was decided that EUROCON 82 will take place in Copenhagen using the facilities of the Danish University of Technology (DTH). The main theme of the conference will be "Reliability in Electrical and Electronic Components and Systems". On January 31 I attended the first meeting of the Austria Section in Vienna. Prof. Kurt Richter from the University of Graz chaired the meeting and will act as Section Chairman until the Section is ready to organise elections. I wish the new Section all the best.

In the last Newsletter I mentioned that the Region 8 Committee nominated two candidates for the office of the 1981/1982 Regional Director. Since both candidates accepted the nomination, I am happy to announce that Prof. Proebster (German Section Chairman) and Prof. Protonotarios (Greece Section Chairman) are the candidates. I wish them both a successful election and I sincerely hope that many Region 8 members will actually vote.

In February I attended meetings in Houston of the Ad Hoc Committee of the International Activities, the Regional Activities Board (RAB), the Long Range Planning Committee (LPRC) and the Board of Directors. In the Ad Hoc Committee the position of the non-US Regions with respect to the National Societies in their respective areas was extensively discussed. It was felt that in order to achieve a better and clearer co-operation with the National Societies it might be necessary to give the non-US Regions more freedom to act. The members of the Committee are: D. C. J. Poortvliet (Region 8 Chairman), P. A. Rusche (Region 4 Secretary), T. A. Estrin (Division VI), H. C. Cherney (Region 1), J. J. Archambault (Region 7), O. C. Fernandez (Region 9) and S. Y. King (Region 10). The RAB passed a Region 8 motion to revise Bylaw 404.3. This revision will Authorise Region 7 through Region 10 to take special actions in the dissolution of Sections.

The difficult financial situation of the Region 8 Committee was discussed in the RAB as well. The request of the Region 8 Committee to establish an assessment for members (excluding students) was approved and referred back to the Region 8 Committee for further consideration. The implications of this decision will be discussed in the next Newsletter. After the Houston meetings I visited Paris and met the President (M. Maleagarie) and the General Secretary (General Bertrand) of the French National Society SEE. The draft of a possible agreement between SEE and IEEE was discussed.

During EUROCON 80 I had many preliminary discussions about EUROCON 82 and I attended a lunch meeting of the Germany Section, where I could exchange views with some Section members. EUROCON 80 has been a very successful conference. From this place I want to thank all people involved for their tremendous efforts to make this conference as it was. Again a successful result of a close co-operation between EUREL and IEEE Region 8.

After EUROCON on March 29, the Executive Committees of EUREL and IEEE met in Friedrichsruhe. Some Agenda items were:
- EUROCON finances;
- EUROCON 82;
- Agreement between IEEE and EUREL;
- The establishment of permanent joint committees to study mutual points of interest such as energy and allocation of radio frequencies.

I think this meeting contributed much to the better understanding between EUREL and IEEE. The Region 8 Committee meeting took place in Friedrichsruhe on March 29 and 30. The meeting was lengthy and rather difficult because some important decisions had to be taken, e.g.:
- Region 8 finances;
- EUROCON 82 representatives to the Steering and Programme Committees;
- Mediterranean Electrotechnical Conference, MELECON 81.

The Region 8 Committee appointed the following Region 8 representatives to the EUROCON 82 Conference Steering Committee (CSC): Prof. Proebster (Vice-Chairman), Prof. Becker (Programme Committee Chairman), Mr. Russell (Secretary), Dr. Bael Schem (Exhibitions), Prof. Bolinder and the Regional Director. The CSC Chairman is Mr. Lauger from Denmark appointed by EUREL.

The Region 8 Committee approved unanimously MELECON 81 to be held in Tel Aviv, Israel, on May 24-28, 1981, and appointed the following persons to the CSC: Dr. Bael Schem (Chairman), Region 8 Director (Vice-Chairman), Prof. Protonotarios (Programme Committee Chairman), Prof. Bernardi (Italy), Prof. Chivelari (Italy), Prof. Proebster (Germany), Mr. Winton (Publicity). Representatives of other Mediterranean countries such as Egypt, Yugoslavia and Spain will hopefully be added in the near future. The draft programme was made during EUROCON 80 and will be worked out further together with the budget during my present stay in Israel.

DICK C. J. POORTVLIET
April 2, 1980
Tel Aviv, Israel

EUROCON 80 and 82
Report by Robert C. Winton

To compress the 4cm thick Proceedings of EUROCON 80 — From Electronics to Microelectronics — into a report which would fit into this Newsletter would be a miracle which not even microelectronics can achieve. This report is therefore confined to a few highlights from some of the opening keynote speakers who dealt with future development possibilities, since it is these future possibilities which determine the role which microelectronics will play in every field.

In his address on "Microelectronics in Data Processing and Telecommunications", Mr. B. O. Evans, Vice-President of IBM, USA, made a number of forecasts. During the next ten years, progress in computers will be determined by the progress in semi-conductor and magnetics technologies; the trend towards more chip layers will be slowed by increasing costs and lower yields; circuits with one micron dimensions
New IEEE Fellows

In 1979, from Region 8 there were 20 nominations for the Fellow Grade from which nine were elected. Considering that the figure for the total nominees was 273 and the figure for the total elected was 128, the percentage for both nominated and elected from Region 8 is 7%. This percentage is good if we consider that the per cent membership of Region 8 with respect to total membership of IEEE is only 4%. However, Region 8 can do even better than this given its potential. For this purpose the Region 8 Sections should make an effort to encourage potential nominators to submit more nominations. No doubt that more Fellows in Region 8 will enhance its prestige while it will give due satisfaction to those members who excel by the recognition of their work and achievements in the fields mentioned in the Bylaws.

The names of the new Fellows in Region 8 and their citations appear on page 3. The new Fellows will select the events at which their Fellow will be furnished with the certificates.

At the opening of the EUROCON Technical Exhibition (left to right) : Mr. Kistner, Ministerial Direktor, State of Baden Wurttemberg; Prof. Proebster; Prof. Kaiser; Dr. Weng, State Secretary, Baden Wurttemberg; Mr. Lindner, Chairman of the Technical Exhibition Committee.
MEETINGS IN REGION 8

Radar Technology Course
Sponsored by the Benelux Section IEEE and the Eindhoven University of Technology, a two-day course in radar technology is scheduled for August 26 and 27 1980 at Eindhoven University, The Netherlands. Subjects will include the fundamentals of radar, signal processing, solid state, tubes, tracking and smoothing, and detection. The lecturer is Dr. Eli Brookner, consulting scientist at Raytheon. The fees are Dfl. 295.00 (Dutch guilders). They include a text, Radar Technology, by Dr. Eli Brookner, plus supplemental notes.


Third International Conference on Future Energy Concepts
The conference is organised by the Institution of Electrical Engineers in association with the British Wind Energy Association, Institute of Electrical and Electronic Engineers (United Kingdom and Republic of Ireland Section), Institute of Energy, Institute of Marine Engineers, Institute of Mathematics and its Applications, Institute of Physics, Institution of Chemical Engineers, Institution of Civil Engineers, Institution of Gas Engineers, Institution of Mechanical Engineers, International Solar Energy Society (UK Section), Royal Aeronautical Society and the Society of Chemical Industry. It will be held in London, January 27-29 1981.

This conference will again bring together those active in diverse fields covering Future Energy Concepts to discuss present, progress engineering and scientific aspects, mutual problems and make realistic comparisons between traditional and alternative concepts. Time will be given to matters of environmental impact, conservation and policy. The primary emphasis will be on engineering aspects related to science and applications of new and developing concepts such as: Solar energy; Wind energy; Sea energy; Geothermal; Chemical; Energy conversion; Storage and transmission; Systems and economics. Recent developments in the status of conventional concepts will be provided by appropriate invited lectures.

Further information from: IEE Conference Department, Savoy Place, London WC2B 0BL, UK.

4th Symposium and Technical Exhibition on Electromagnetic Compatibility
Region 8 and the IEEE Professional Group on EMC are among the many international bodies co-sponsoring this Symposium. It will be held in Zurich March 10-12 1981 with the following topics: Social and environmental impact of EMC; Electromagnetic pollution, control, and enforcement; Spectrum economy and management; National and international co-operation in EMC; Immunity of electronic systems; Electromagnetic compatibility of communications, electric power and audio-visual systems; EMC hazards to ordnance and vital safety systems; Compatibility of medical electronics; Biological effects of RF energy; Interference propagation, source-to-receptor coupling; Nuclear electromagnetic pulse (NEMP) impact; Regulation, limits, standards and specification; Measuring methods and instrumentation, production techniques; Computer in EMC prediction and analysis; Design of compatible equipment, suppression methods and devices; Special techniques—sequency functions, spread-spectrum, fibre optics.

Further information from: Dr. T. Dvorak, ETH Zentrum-KT, 8092 Zurich, Switzerland. Phone: (011) 326211, ext. 2790; telex: 53178 etbh.

Second International Conference on Telecommunications Transmission
The Institute of Electrical Engineers in association with the Institute of Electrical and Electronics Engineers Inc. (United Kingdom and Republic of Ireland Section), the Institute of Mathematics and its Applications, the Institute of Physics and the Institution of Electronic and Radio Engineers are organising this conference, with the support of the Convention of National Societies of Electrical Engineers of Western Europe (EUREL). It will be held in London, March 17-20 1981.

The aim of the conference is to examine the current status of developments in the field of telecommunication transmission, emphasising a system view rather than a component view of transmission systems, and to discuss future trends. It is intended that the topics in the programme will cover new types of transmission systems, studies for future systems and their place in telecommunication networks including experience of field trials on newly established systems.

Contributions are invited on the following topics in particular: Low and high capacity analogue systems; Low and high capacity digital systems; Microwave radio-relay systems including troposphere-scatter systems; Impact of optical fibre systems; Transmission of television and music signals; Multiple service local area systems; Digital and other subscriber carrier systems; Analogue/Digital interfacing equipment; Multiplexing equipment; Network planning and performance; Network management; Impact of switching, signalling and data techniques on transmission systems. The following topics will be excluded from the programme except insofar as they bear on those mentioned above: Satellite systems; Submarine cable systems; Data networks; Mobile systems. A number of review papers will be arranged by the Committee. Consideration is being given to offering authors of accepted contributions, facilities for a small technical display of equipment, photographs, etc., to support the theme of their papers.
Those intending to offer a contribution should submit an A4 page synopsis to the Conference Department on or before May 12 1980, together with a brief description of any display which may support the contribution. Further information from: IEE Conference Department, Savoy Place, London WC2R OBL, UK.

Fifth International Conference on Digital Satellite Communications

The International Telecommunications Satellite Organisation (INTELSAT) and Telespazio S.p.A. have announced plans to co-sponsor the Fifth International Conference on Digital Satellite Communications, scheduled to be held in Genoa, Italy, from March 23-26 1981. The conference will be receive organisational and staff support from Instituto Internazionale delle Comunicazioni (IIC), Associazione Elettrotecnica ed Elettronica Italiana (AEI) and Region 8 of the Institute of Electrical and Electronics Engineers (IEEE).

INTELSAT is the 102 member-country organisation that owns and operates the telecommunications satellites used by countries around the world for international communications, and by a number of countries, for domestic communications. A Steering Committee, chaired by Mr. G. Salvatori of Telespazio S.p.A., and supported by Mr. J. Chitre of INTELSAT and Mr. G. Quaglione of Telespazio, have been formed to plan the Fifth Conference in detail. The Steering Committee will be supported by an Administrative Office, divided between the Rome Branch Office and the Genoa Branch Office. The conference will be held in Genoa, Italy. Telex: 610654 / 611596.

Conference on Digital Processing of Signals in Communications

This conference is organised by the Institution of Electronic and Radio Engineers with the Institution of Electrical Engineers and the Institute of Electrical and Electronics Engineers. It will be held at the University of Technology, Loughborough, Leicestershire, UK, Monday 6 to Friday 10 April 1981.

Preference will be given to papers describing original work, new systems, or new applications but papers on practical aspects of communications systems would also be welcome. For guidance a non-exclusive range of subjects is offered: Antenna array signalling processing; Coding techniques for TV transmission; Computer processing of images; Control of distributed processing; Digital filters in communication; Digital processing of speech and music signals; Digital studio techniques; Echo cancellation; Economics of signal processing. Error detection and correction; High speed modems; Noise reduction techniques; Programmable processing; Signal design; Simulation of communications systems; Spread spectrum techniques; Telemetry: Underwater acoustic communications; Use of computer array processors. Synopses of not more than 300 words should be submitted as soon as possible but not later than June 1 1980.

Further information from: Conference Secretariat, Institution of Electronic and Radio Engineers, 99 Gower Street, London WC1E 6AZ.

MELECON 81

The First Mediterranean Electrotechnics Conference, MELECON 81, will be held in Tel Aviv, Israel, May 24-28 1981. The theme is Electro-technics for Development, and the scope of the conference will include: Telecommunication systems and services; Solar energy and wind power systems; Microprocessor and computer applications; Electronics and the environment; Technology transfer and socioeconomic impacts.

Requests for additional information concerning the conference should be addressed to: The Manager of the Rome Branch of the Administrative Office, the Fifth International Conference on Digital Satellite Communications, Telespazio S.p.A., Corso d’Italia, 43, 00198 – Rome, Italy. Telex: 610654/611596.

FINLAND SECTION

The aim of IEEE Finland Section is to form an open window to the world for electrical engineers in Finland. The activities during 1979 have been carried out mainly in co-operation with the Association of Electronics Engineers in Finland.

Membership. On January 1 1980, there were 115 members (5 SM + 103 M + 127 student members). The membership increased by 20%, which is a satisfactory result. About 60% of the members live in the Helsinki region, the rest coming from all over the country. There are student branches in Helsinki, Tampere and Oulu.

Meetings. During 1979 the Section has co-operated with other Finnish electrical engineering societies in organising two conferences: The Electrical Engineering Convention on March 23 1979 with 160 participants, and The Convention on Electro-Technology on November 7-8 1979 with 255 participants. Three technical meetings were held, the typical programme will be presented later. One meeting was connected with industry and university talks. Considering the small number of members, the activities has been satisfactory.

Activities during 1980. At the annual meeting on January 24 1980, the following Executive Committee was elected: Section Chairman, Johann Taltturi; Section Secretary, Henrik Stubb; Section Treasurer, Iiro Hartimo; Section Vice-Chairman, Jarl Jaatinen.

The 1979 Committee was thus re-elected, except for the Secretary. The new Committee decided to arrange three meetings during the first half of 1980. A talk by Dr. Christian Jacobaeus from Sweden will be presented. "Traffic Theory – Application in Industry and Administration". Members from other engineering associations will be invited to this meeting.

GERMANY SECTION

At its meeting on January 7 1980, the Executive Committee of the German Section discussed additional means of attracting new student members. Up to 30 student “fellowships” have been set up, which pay IEEE student membership dues and fees for one professional Society/Group of the student’s choice for a period of two years. Hence the student will receive “Spectrum” and “Transactions” entirely free, along with the other benefits of IEEE. Qualified students should be suggested by their Professor or Institution. Please contact Prof. G. Kohl or Dipl.-Ing. H. May, both University of Stuttgart, Fachbereich Elektrische Nachrichtentechnik, 7000 Stuttgart, Breitscheidstrasse 2. It was also decided to adapt the election procedure of the German Executive Committee to that used in other countries of Region 8.

NEWS OF THE SECTIONS

Starting this year, ballots will be simplified to three offices: Chairman, Vice-Chairman and Treasurer. Other committee members may then be appointed by the elected officers later. Membership increased by more than 40 papers will be notified not later than January 31 1981. Full papers may be received by March 31 1981.

MELECON 81 is jointly sponsored by IEEE Region 8, the National Association of Engineers and Architects in Israel, the Associazione Elettrotecnica ed Elettronica Italiana, and other national associations of electrical and electronic engineers.

MELECON 81 will include special arrangements for students, visits to companies, a technical exhibition, and a social programme. For further information as it becomes available, please write to the Secretariat (address above).

GREECE SECTION

The lecture activities of the Greece Section October 1979-March 1980 are as follows:

“Safety estimation of electrical power systems” by Dr. G. Kontaxis, National Technical University, Athens, Greece, October 31 1979, attendance 40 (30 IEEE members).

“Organisation and development of information systems” by N. Roussopoulos, Assistant Professor, University of Texas, Austin, November 21 1979, attendance 110 (50 IEEE members).

“Game theory applications to ecological systems equilibrium problems” by Prof. J. Nicolis, University of Patras, Greece, November 23 1979, attendance 60 (40 IEEE members).

“Active filters – a survey” by Prof. Th. Deligiannis, University of Patras, Greece, November 30 1979, attendance 40 (25 IEEE members).

“Arrangements of electric power substation within cities” by A. Labropoulos, Public Power Corporation, Athens, Greece, December 19 1979, attendance 60 (25 IEEE members).

“Frontiers of computer science” by Prof. N. V. Findler, State University of New York, Buffalo, January 7 1980, attendance 70 (40 IEEE members).

“Two-dimensional digital filters and applications” by Prof. A. Venetsanopoulos, University of Toronto, Canada, February 22 1980, attendance 65 (50 IEEE members).

“Detection of signals in noise (applications to underwater communications) by Prof. A. Venetsanopoulos, University of Toronto, Canada, March 23 1980, attendance 90 (IEEE members).

“System design with microprocessors” by Prof. G. Papadopoulos, University of Patras, Greece, March 21 1980, attendance 70 (50 IEEE members).

“The interface between automata theory and computational complexity” by I. H. Sudborough, Associate Professor, Northwestern University, Evanston, Illinois, March 26 1980.

ISRAEL SECTION

Membership. As of February 29 1980, the Israel Section has 410 members (including 64 students). Two senior members have been elected to Fellowship: Prof. I. Bar-David and Prof. J. Katzenelson. This
has brought the number of Fellows in the Section to 13 (including two
Life Fellows).

Ollendorf Celebration. On the occasion of the 80th birthday of Prof.
Franz Ollendorf, Fellow of IEEE and the first Chairman of the Israel
Section, a one-day Seminar on Electromagnetic Theory has been held
at the Technion, Haifa.
The Seminar was sponsored jointly by the Technion and the Israel
Section of the IEEE, with the generous assistance of IEEE Head-
quarters. The first lecture was delivered by Prof. Ollendorf himself and
dealt with an attempt to use the "Lorentz transformation in sound
problems of moving bodies". The invited lecturers were: Prof. H. A.
Hause of MIT and Prof. T. Tamir of the Polytechnic Institute of
New York. A final lecture was given by Prof. Schiber of the Technion. At
a reception, chaired by the President of the Technion, General (R) A.
Haviv, Chairman of the Israel Section of the IEEE Prof. D. J. Baal Schem
congratulated Prof. Ollendorf on behalf of the IEEE President, Dr. L.
Young, who was unable to attend the celebration, and presented a
Commemorative Certificate to Prof. Ollendorf on the occasion of the
25th anniversary of the Section. About 100 persons, most of them
Fellows and Members of IEEE, participated at the Seminar and at the
reception.

The first and second meetings were held at L'Aquila and Bari in 1976
and 1978 respectively. Both of these conferences were very successful
and the agreement with the National Society, that is AEI, is very effective.
The membership of the Section rose from October 1978 to October
1979 by 27%.

Student Councils. All three student branches have new Student
Councils: Prof. E. Zeheb has replaced Prof. Klein as Technion Branch
Counsellor; Dr. U. Shoked has replaced Dr. Uhr as Tel Aviv University
Branch Counsellor; Prof. D. Tabak is the Counsellor at the New Ben
Gurion University Student Branch.

Mediterranean Electrotechnics Conference. A proposal for holding
the Conference in May 1981 in Tel Aviv was submitted to the Regional
Committee. See Meetings in Region 8 for details.

MIDDLE AND SOUTH ITALY SECTION
The membership of the Section rose from October 1978 to October
1979 by 27%.

Student Activities. Promotion of student membership has produced a
gain of 95.2% from October 1978 to October 1979. General meetings of
the Student Branch at the University of Rome have been held on
June 26, October 1 and October 29. The Student Branch activities for
the new academic year have been planned during these meetings.
Moreover, the following student members have been elected to the
positions of Branch officers for the period November 1978 to October
1980: Claudio Del Mastro, Chairman; Giovanni Di Agostino, Vice-
Chairman; Giuseppe Miccoli, Secretary.

POLAND SECTION
Agreement between SEP and IEEE. At the end of 1979, the agree-
ment between SEP (The Association of Polish Electrical Engineers) and
IEEE, extended for the three-year period 1980-1982, was signed by
Mr. T. Dryzek, SEP President, and Dr. J. Suran, IEEE President.

Commemoration of Michael I. Pupin. On December 10 1979, Prof. A.
K. Smoliński, Past Chairman of the Poland Section, took part in the
Ceremony of Commemoration of the 125 years anniversary of the birth
of Michael I. Pupin, born in Serbia, then US citizen. Professor of
Columbia State University, one of the Presidents of the American
Institute of Electrical Engineers – the predecessor of the IEEE. This
ceremony, organised by the Polish Academy of Sciences, took place at
the Technical University in Warszawa in the presence of the
Ambassador of Yugoslavia to Poland, Mr. Mehedin Begić.

Tenth European Microwave Conference. The Conference designed for the Microwave Community, will be held in
Warsaw, Poland, on September 8-12 1980. The conference is supported by the Association of Polish Electrical Engineers (SEP) in
cop-operation with: EUREL (The Convention of National Societies of
Electrical Engineers in Western Europe), International Microwave
Power Institute (IMPI), International Union of Radio Sciences (URSI),
IEEE Region 8 and the following societies and groups: Antennas and
Propagation, Electron Devices, Magnetics, Microwave Theory and
Techniques, as well as in association with Microwave Exhibitions and
Publishers Ltd. Prof. A. Sowinski, Poland Section Chairman, will also
take the Chair of the Technical Programme Committee of the
Conference.

Membership. Membership of the Section as of December 31, 1979
was 52.

SWITZERLAND SECTION
The Section membership increased from about 750 at the end of 1978
to about 830 at the end of 1979, i.e. by 11%. Two newsletters were
sent to the members in April and October announcing a large number
of meetings at the major universities. The annual fall excursion to a
power station and a mail sorting centre was attended by 86 members.
Four special meetings of a new kind were held in the
western part of Switzerland, highlighting advanced technology in
industry: Integrated circuits research and production and optical
communications. The Switzerland Chapter on Digital Communications
Systems held two large meetings in the fall, one in Zurich on Digital
Communications with 300 people attending and one jointly with the
Swiss Chapter of the ACM in Berne on Distributed Processing in
communications.

Presentation of Commemorative Certificate to Prof. Ollendorf, the first Chairman of the
Israel Section of IEEE at the occasion of the 25th anniversary of the Section.

From left to right: Prof. Kohari, Dean of the Faculty of Electrical Engineering at the
Technion, Haifa; Gen. (ret.) Hozcv, President of the Technion; Prof. Ollendorf; Dr. I.
Baal-Schem, Chairman of Israel Section of IEEE; Prof. Bar-lev, former Dean of the
Faculty of Electrical Engineering.

Continuing Education. Mr. David Morris has been elected Chairman of the
Continuing Education Committee of the Israel Section. The main
events planned for the next months are: A two-day Seminar on "the
office of the future" to be held by three lecturers from the USA and
Canada at the end of May; The bi-annual meeting of the MTT/AP
Chapter, to be held in October 1980.

Student Counsellors. All three student branches have new Student
Councilors: Prof. E. Zeheb has replaced Prof. Klein as Technion Branch
Counsellor; Dr. U. Shoked has replaced Dr. Uhr as Tel Aviv University
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Chairman; Giuseppe Miccoli, Secretary.

NORTH ITALY SECTION
The following list shows the names of the new Section officers for the
period May 1979 to April 1981: Chairman, Prof. Pier Paolo Civalleri,
c/o IENGF, Corso Masimo D'Azeglio 42, 10125 Torino, Italy; Vice-
Chairman, Prof. Gianni Fabri, c/o SIT-Siemens, Via Alessio de
Toqueville 13, 20154 Milano, Italy; Secretary/Treasurer, Ing. Angelo
Luvison, c/o CSELT, Via Reiss Romoli 274,10148 Torino, Italy.

The agreement with the National Society, that is AEI, is very effective.
Within this framework almost weekly lectures of interest for IEEE
members are sponsored jointly by IEEE North Italy Section and AEI
Sections of Milano and Torino.

The North Italy Section is co-sponsoring the Third National Meeting on
Applied Electromagnetic Field to be held in Bari on June 25-27 1980.
The first and second meetings were held at L'Aquila and Bari in 1976
and 1978 respectively. Both of these conferences were very successful
and gave scientists and engineers an opportunity to discuss the rapid
progress in the field mentioned above. Please address correspondence
to: Comitato Organizzatore Terza Riunione Nazionale di Elettro-
magnetismo Applicato, Instituto Elettrotecnico-Facolta di Ingegneria,
Via Re DaVid, 200-70125 Bari. Tel: (080) 228040.

L'ECOLE POLYTECHNIQUE FEDERALE
DE LAUSANNE

met au concours un poste de

PROFESSEUR D'INFORMATIQUE
TECHNIQUE

qui aura mission de développer l'enseignement, la
recherche et les activités de service dans le domaine des
systèmes informatiques industriels; architecture matérielle
et logicielle des systèmes en temps réels; interfaces et
procédures de dialogue entre processeurs et applications;
langage en temps réel et orientés "applications".

Outre les compétences sus-mentionées, l'EPFL attend de ce
nouveau professeur une importante expérience
industrielle, des aptitudes pédagogiques confirmées et une
large ouverture d'esprit.

Les personnes intéressées à faire acte de candidature
voudront bien demander le dossier de ce poste jusqu'au 30
juin 1980 à la:

Direction Administrative de
l'Ecole Polytechnique Fédérale de Lausanne
33 Avenue de Cour
1007 Lausanne, Suisse
Industrial Applications with an attendance of over 200. The Chapter officers also worked hard on the preparation of the 1980 Zurich Seminar. Another active group met several times discussing current problems on Society and Technology. In April, the Section was host to the IEEE Region 8 meeting held in Zurich and honoured by the presence of Jerome J. Suran, President of the IEEE, and Eric Herz, General Manager.

The 1979 student paper contest organised jointly with ASE/SEV, the Swiss Electrotechnical Society, ended with the distribution of three prizes at the ASE/SEV annual assembly. The happy winners were E. A. Zurlufh, C. Clément and C. da Silva Bartolo, for their excellent diploma thesis work at the Federal Institutes of Technology in Zurich and Lausanne. At the World Telecommunications Exhibition and Conference, TELECOM 79 in Geneva, IEEE was present with a book-shop set up by Headquarters with assistance by F. de Coulon.

UNITED KINGDOM AND REPUBLIC OF IRELAND SECTION

Obituary. It is with deep regret that we record the death in March 1980 of Dr. R. L. Smith-Rose, CBE (Fellow), who was the Treasurer of the UKRI Section from its inception up to 1973. Dr. Smith-Rose, from 1936 head of the Radio Division of the National Physical Laboratory, became Director of Radio Research, DSIR, from 1947 until his retirement in 1960, in which year he served as President of URSI.

Also in February 1980, of Dr. W. Saraga (Fellow), Chairman of the Circuits and Systems Chapter and a member of the Executive Committee. Dr. Saraga was noted for his innovative research in circuit theory and filter design. Also, early in 1980, of Mr. Charles Earp, OBE (Fellow), notable for his distinguished work on radio navigation and on information theory.

New Fellows. The following were elected to Fellow grade as of January 1, 1980: Prof. Jeffrey H. Collins, Dr. Philip Fire, Mr. Alan B. Wood, Dr. John D. Rhodes.

STUDENT NEWS

EUROCON 80 has been attended by more than 100 students, from various countries. Several branches have organised a trip at this occasion to Stuttgart: the most important groups came from Delft, Eindhoven, Lille, Louvain-la-Neuve and Rome. It gave the opportunity to students not only to attend the sessions but also to meet with practising engineers and with students from other schools and countries.

The 13th Undergraduate Student Paper Contest was held on Friday, March 28. The attendance was over 100 persons, including students, IEEE student branch counsellors and Section chairmen from various countries. As usual, the jury was international: Prof. Bolinder (Göteborg), Prof. Reiner (Karlsruhe), Mr. Osborne (London), Dr. Schmitt (Hamburg) and Prof. Stumpers (Eindhoven). Five papers were submitted, from Göteborg, Hafna, Louvain-la-Neuve, Madrid and Tampere.

The first prize ($200 from the Life Member Fund and $250 from Region 8) was granted to the paper "Photovoltaic solar energy conversion by means of bifacial DSSF solar cells" by J. A. del Alamo from ETSI Telecommunicacion, Madrid, Spain. The second prize was granted ex-aequo to two papers: "Blissograph. A pointer for Bliss symposia", H. Persson from Chalmers Institute of Technology, Göteborg, Sweden, and "Study and realisation of a high speed specialised processor designed for a network analyser", S. Jespers and Ph. Thibaut, Université Catholique de Louvain, Louvain-la-Neuve, Belgium. The students presenting these papers were invited to Stuttgart at the cost of Region 8.

As announced before, a Post-graduate Student Paper Contest has been organised for the first time. The jury granted the first prize ex-aequo to two winners who will share a $700 prize: "New solutions in adaptive signal detection", D. M. Gomez-Allende, ETSI Telecommunicacion, Madrid, Spain, and "Development of an optical spectrum analyser using a lateral photodiode", A. Alping and U. Aiff, Chalmers Institute of Technology, Göteborg, Sweden. The second prize was granted to the paper "A review of optically switched transducers for acoustic imaging", S. O. Ishrak, King’s College, London, United Kingdom.

At this occasion, we also had again a general counsellor meeting, attended by counsellors, student representatives who had attended EUROCON, and Section chairmen. It was an excellent meeting, with more than 40 participants, coming from more than 20 schools. It gave to the participants the opportunity to describe their experience and the activities going on in their IEEE student branch.

It was also the occasion to thank Mr. May, from Stuttgart Technical University, who devoted much of this time and energy to the student programme and accommodation during EUROCON 80.

PROF. A. VANDER VORST

Region 8 SAC Chairman

AWARDS. Prof. E. Openshaw Taylor, past-chairman of the PC Chapter, has been awarded the Alfred N. Goldsmith Memorial Award by the IEEE Professional Communication Society. The Circuits and Systems Society has selected a Transactions paper by the late Dr. W. Saraga, with co-authors David G. Haigh and Robert G. Barker, for the 1979 Darlington Award.

Annual General Meeting. Following the AGM on March 20, a lecture on "Power from other services" was given by Dr. D. T. Swift-Hook of the Central Electricity Research Laboratories, Leatherhead.

Executive Committee Meeting. Prior to the meeting held on March 30, the committee members were addressed by Dr. John A. Powell, a Senior Member who served on the Finniston Committee, on some aspects of the Finniston Report "Engineering our Future".

Co-sponsoring of Conferences. The UKRI Section currently has IEEE representatives on the organising committees of 20 conferences.

Forthcoming Events. On September 11 and 12 1980 a lecture course on "Microprocessors: present state and future trends" will be held at the City University. The course is sponsored by the IEEE Circuits and Systems Chapter and by the City University, with lectures from STL (Harlow) and the City University. The registration fee is £92 (£87 for early registrations) with a £5 reduction for IEEE members. For details contact Dr. A. C. Davies at City University, Northampton Square, London EC1V OHH.

A lecture on the future of radio communication will be given by Mr. C. S. den Brinker, Technical Director of Redifon Telecommunications, at a Section meeting to be held in London on November 13 1980. Further details later.

Dr. Christian Jacobaeus will speak on "Telecommunications and safety" at a joint meeting with the IEE, to be held on November 12 1980 at 1800 (tea 1730) at the IEE, Savoy Place, London.

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