

IEEE Region 8 newsletter



THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
INCORPORATED

Editor: W.H. Devenish, The Electrical Research Association, Cleeve Road,
Leatherhead, Surrey, England. Tel. Leatherhead 74151 - Telex 264045

Regional Director: Professor P. G. A. Jaspers, Louvain University, Electronics Laboratory,
94 Kard. Mercierlaan, 3030 Heverlee, Belgium. (Telephone Leuven 315.43)

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NEW STYLE FOR NEWSLETTER

The change of presentation of the Newsletter signifies a number of changes.

First of all—in order to support publication costs—advertisements will be accepted in coming issues. Below will be found an outline of the basic rates and the name and address of the representatives—who also deal with the advertising for Spectrum. It is hoped that many of our members will bring this new policy to the notice of their Companies and encourage them to take advertising space.

At the same time, the Editorial Board decided to adapt the content of the Newsletter so as to serve better the interests of our members. It is not wrong to say that action items are more important than reports on past events; thus, it has been given as a rule to insist in the future on priority for information which will give our members the opportunity to use better the important services available in the Region.

That is why you will find in this issue practical information concerning the speakers' tours, their purpose, the way a speaker should be invited and of course the list of speakers actually available. In the same way we will, in the future, give you additional indications about the educational services or about coming

conventions. In this issue you will see the list of the first slide tape lectures published in the Region, after Eurocon 71.

The Newsletter is an ideal means to communicate with our members. Thus, we will be happy to answer by this way questions of general interest that you would like to ask. Once in a while we will use the Newsletter to ask your opinion on precise questions, on a referendum form.

The part of the Newsletter saved for the students will be written in the same spirit; that is, with the idea of giving helpful information to the students so that they can take useful initiatives. Here, too, we welcome constructive collaboration.

The lists of coming international conferences will be published as they used to be, with indications allowing individual members to take the necessary steps (names of people to be contacted, to receive information, to register, deadlines, etc.).

The item on Section activities will be changed because we feel that our members are more interested by coming events than by past ones. On the other hand, on the Section level, we feel that information concerning conferences and meetings within the Section are already circulated in a more rapid manner.

Don't hesitate to call upon us; all suggestions will be welcomed.

ADVERTISING RATES

Display £130 per full page
£70 per $\frac{1}{2}$ page
£40 per $\frac{1}{4}$ page

Special Section for Appointments/Professional Services/Publications
—£30 per $\frac{1}{4}$ page to include setting
—charges based on page rate.

Inserts supplied by advertiser

For further information contact the Advertising Representatives,
Sweatman & Fordham, Byron House, 7 St. James' Street, London SW1, England.
(Telephone 01-930 3637. Telex 262821)

INSTITUTE NEWS

REMSEF Project

Funds have been made available for an extremely thorough exploration of many proposed arrangements for consigning publications to Europe by bulk air freight and then arranging re-mailing. The extra cost must obviously be kept to a minimum, but present indications are suggesting that the great benefit that would accrue to Region 8 members from such an accelerated procedure would justify the necessary increase. How this will eventually be funded has not yet been decided.

Voluntary Page Charges

A revised and up-dated statement on Voluntary Page Charges was approved by the Board of Directors in November, together with a revised list of charge rates. These are available, should you wish, from Officers of your Section.

Mailing Lists

IEEE membership mailing lists, whether obtained through IEEE Headquarters or through a local Section, may be used only in connection with normal IEEE-sponsored activities, and may not be used for electioneering in connection with any office within the IEEE, or for any political or commercial promotions. Any requests to Headquarters for a mailing list shall state the purpose for which the listing is to be used. A request for an ex-

ception to the above rule may be submitted to the IEEE General Manager.

Requests for labels by institutions and organisations with scientific, technical and educational goals may be honoured subject to a series of provisions known to Officers of your Section. The same announcement includes a list of the various forms in which these addresses may be obtained, together with the associated costs.

IEEE Catalog of Educational Resources Available

Over 200 books, periodicals, conference records, audio-tape cassettes and self-study courses are described in a new catalog published and just released by the IEEE. The 48-page catalog lists several new items of educational value to electrical/electronics engineers, including the first three titles of the recently established IEEE Press. Called "Books of Selected Reprints", they cover mini-computer applications, active inductorless filters, and the impact of the Clean Air Act on engineers. Also included are descriptions of 60 recent conference records in stock, plus innovative audio-tape cassette programs such as "IEEE Soundings", "Cassette Colloquia" and "Dial-Access Technical Education". Members in Region 8 who would like to receive the new catalog should request a copy from IEEE Headquarters.

Two New Societies

The Magnetics Group has now been elevated to Magnetics Society, and the Industry and General Applications Group to Industry Applications Society.

IEEE Power Engineering Society Award

Following the Annual General Meeting of the Electrical Research Association in London, the second-ever presentation of the Meritorious Service Award of the Power Engineering Society will be made to Mr. Andrew R. Cooper for his appreciation of human values, his conception of the IEEE Power Life Award and contribution of the sculpture "Heartbeat" which symbolises the Award.

William M. Habirshaw Award

Mr. Gunnar Jancke, Chief Engineer in charge of development and system engineering, and Deputy Manager of the Electro-technical Department of the Swedish Power Board, has been presented with this Award.

Election of Fellows

Benelux:

- G. A. Blaauw For contributions to computer architecture, particularly for the recognition and demonstrations of the distinction among the architecture, implementation and realisation of computing systems.
N. Ince For technical contributions and pioneering leadership in the development of international communication systems.

Egypt:

- M. M. Riad For contributions to the development of telecommunications networks and leadership in engineering education.

Israel:

- I. M. Horowitz For contributions to active network theory and feedback control theory.

Middle and South Italy:

- A. Grasselli For contributions to switching circuits, pattern recognition and computer science education.

North Italy:

- G. Carrara For contributions to the analysis of the behaviour of dielectric systems and advancements to the science of insulation co-ordination in high voltage networks, particularly under transient disturbances.
P. Gazzana-Priaroggia For contributions to high-voltage power cables and systems.

United Kingdom and

Republic of Ireland:

- S. L. M. Barlow For contributions to the development of international goodwill and collaboration in the electrical engineering industry.

REGION 8 NEWS

Slide Tape Lectures

In addition to the slide tape lectures listed in the last Newsletter, the following are now available on loan to Sections and Branches from Mrs. C. Stiévenart, Avenue Armand Huysmans 206, 1050 Bruxelles, Belgium, at a handling charge of \$2.50 to Student Branches, \$10 to all others (maximum retention 30 days).

- F. KUHNE (Siemens AG, Munich)
"Modern concepts of modulation". 1 tape; 19 slides. Sale: \$37.50
H. J. ALBRECHT (Forschungsinstitut für Hochfrequenzphysik, Bonn)
"Predicting and optimizing satellite communications performance under unfavourable geographic and atmospheric conditions". 1 tape; 22 slides. Sale: \$40.50
K. OHNSORGE (AEG-Telefunken, Ulm)
"Redundant coding and its economic aspects". 1 tape; 26 slides. Sale: \$44.50
O. W. MEMELINK (Twente University of Technology, Enschede, The Netherlands)
"Integrated circuits—a revolution in electronics" (in two parts). 2 tapes; 17 slides. Sale: \$54.00

These slide tape lectures are taken from the programme of the Eurocon 71 Conference held in Lausanne in October 1971 and were transcribed and recorded on behalf of the authors by C. R. Russell, Secretary/Treasurer of Region 8, and the Region 8 representative on the Educational Activities Board.

Outstanding Speakers

The success in arranging meetings to be addressed by outstanding speakers whose names have been circulated to Section Chairmen has led the Director to suggest that in future details of such speakers are included in the Newsletter so that members

may ask their Sections to make the necessary arrangements. The following information relates to speakers coming to Region 8 over the next few months.

General: the idea is to take advantage of the presence of outstanding speakers in our Sections and ask them to give a lecture. This is not a new idea, but such a service has to be organised.

Organisation: Peter D. Edmonds, Administrator of Technical Services in IEEE Headquarters, sends us regularly lists of potential speakers from the U.S.A. with indication of their main subjects, sometimes with abstracts of their lectures, of the time they will be in Region 8 and the list of the Sections they would be pleased to visit if they get an invitation. (The list of the preferred Sections is generally not restrictive and all interested members can invite any one of the speakers.) The lists of speakers are forwarded by Mrs. Stiévenart, the Secretary to the Regional Director, to all Section Chairmen and Student Counsellors.

Practically, if you wish to invite one of these speakers, you may contact him directly, but you have to inform either P. Edmonds, in Headquarters, or Mrs. Stiévenart, Avenue Armand Huysmans 206, 1050 Bruxelles, Belgium, and, *most important*, you have to ask for the agreement of your Section Chairman, because of the financial aspects.

Financing: Your Section should pay incremental expenses, such as a night in a hotel, the air fare ticket supplement which is required to include your Section in the tour of the speaker (that will generally be a small expense).

You see that, if you have interest in such a service, you *have to* contact your Section Chairman.

LIST OF SPEAKERS

SPEAKERS	CONTACT ADDRESS	SUBJECT	DATES	SECTIONS OF PREFERRED INTEREST
Dr. J. J. ALLAN	University of Texas, Dept. Mech. Engrg. ELB219, Austin, Texas, 78712, U.S.A.	Digital Computer Control of Machines, Interactive Graphics for Design and/or Control of Physical Devices, Use of Computers in Undergraduate Education.	no definite travel plans	Switzerland, England, Germany, France
Dr. N. B. NICHOLS	The Aerospace Corporation, P.O. Box 5866, San Bernardino, California, 92408, U.S.A.	Three Decades of Automatic Control, 1940-70.	no definite travel plans	France, Germany, England
Mr. W. F. CLEMENT	Systems Technology Inc., 194 Nassau Street, Princeton, New Jersey, 08540, U.S.A.	Theory of Manual Vehicular Control, Measuring and Control System Requirements for Low Visibility Landing, Theory for Displays in Manual Control (Systematic Manual Control Display Design), Manual Control Theory Applied to Air Traffic Controller-Pilot Co-operation.	no definite travel plans	U.K.R.I., France, Germany, Netherlands
Prof. J. ZABORSZKY	Electrical Engrg. Dept., Washington University, St. Louis, Mo. 63105, U.S.A.	Controllability and Observability of Bilinear Systems, Inductive Approach to Estimation and Filtering.	June 19-30, 1972	France, Italy
Dr. M. ATHANS	Electrical Engrg. Dept., M.I.T., Cambridge, Mass., 02139	Optimal Control Theory and Applications, Non-linear Filtering and Stochastic Control, Large Scale Systems.	July 1— Dec. 1 1972	—
Dr. E. MITTELMANN	601 West Lake Street, Chicago, Ill., 60606	Instrumentation.	Fall 1972	U.K.R.I., Benelux, Switzerland
Prof. J. L. MASSEY	Laboratory of Communication Theory, Technical University, 2800 Lyngby, Denmark	Convolutional Codes and Linear Systems; Error Correcting Coding.	August 1971— August 1972	Benelux, France, Germany, Italy, Sweden, Norway

Mr. R. H. SMALL	School of Electrical Engineering, University of Sidney, Sidney, NSW 2006, Australia	Electroacoustics. Direct Radiator Loudspeaker System. Synthesis of Loudspeaker Systems from Performance Specifications.	mid-June— mid-July 1972	—
Dr. R. H. MATTSON	University of Arizona, Dept. Electrical Eng., Tucson, Arizona, 85721, U.S.A.	Solid State Electronics. Biomedical Engineering. Technical Education. Education.	May 1—July 31 1972	—
Prof. F. KUO	Office Naval Research, Branch Office, London, Keysign House, 429 Oxford Street, London, W1R 2EU, England	Computer Graphics. Computer-aided Design. Computer Communication Networks.	till mid-August 1972	—
Dr. S. J. KAHNE	University of Minnesota, Minneapolis, Minnesota, 55455, U.S.A.	Trends in Automatic Control Education, Systems Engineering applied to Environmental Design.	June 10— July 10, 1972	Benelux, France, Poland, Czechoslovakia
Mr. H. GARLAN	CISPR Conference, Baden-Baden, Germany	Regulation of Frequency Interference in the U.S.	April 9— May 19, 1972	—
Dr. J. W. ROUSE	Remote Sensing Center, Texas A & M College Station, Texas, 77843, U.S.A.	The New Era of Environmental Monitoring, Orbiting Geophysical Observatories.	August 1— August 30, 1972	England, Benelux, Germany, any other
Dr. James SNODGRASS	Scripps Inst. Oceanography, La Jolla, California, U.S.A.	Oceanographic Instrumentation, Data Gathering, Satellite Navigation, Frequency Allocation for Oceanography, Engineering Aspects—Biomedical Instrumentation.	April 29—May 5 June 1—July 1 1972	Switzerland, Sweden, France
Wade Thomas CATHEY	c/o Prof. H. H. Hopkins, Dept. of Physics, Whiteknights, Reading, SG6 2AF, England	Holography. Microwave Holography. Single Side Band Imaging. Optical Data Processing.	Sept. 1972— Sept. 1973	—

Special Arrangements with National Societies

Special agreements have been concluded recently between the IEEE and the Italian National Society (AEI) and IEEE and the Swiss National Society (ASE).

The first one, which is initially for two years, is the final result of discussions which started more than two years ago. The second one is a more restricted agreement, applying only to students, and being, in a way, a consequence of Eurocon 71. Headquarters have accepted these agreements on an experimental basis. Particulars of each are given below.

Agreement with Associazione Elettrotecnica ed Elettronica Italiana (AEI)

- AEI undertakes all clerical and routine work concerning members of the IEEE Italian Sections, up to the punching and sending of individual member cards for processing on the IEEE computer system in New York.
- AEI undertakes to receive and process all applications for IEEE membership or transfer up to the grade of Senior Member, the screening to be carried out, however, by a Membership Committee of the IEEE Italian Sections. To this end, IEEE shall provide AEI with all forms, instructions, rules and codes for the admission and processing of members.
- AEI undertakes to collect and remit all membership dues from members of IEEE Italian Sections in US currency.
- AEI undertakes to distribute by inland mail to all members of IEEE Italian Sections the magazines and publications of IEEE and its Groups and Societies. If desirable, this service can be extended to the distribution of such items as ballots and the like.
- AEI and IEEE shall mutually and graciously permit republication in each other's journals of summaries or the full text of articles appearing in their publications, with due acknowledgement. The translation into Italian will be the responsibility of AEI. In addition, AEI shall provide the English translation of articles or summaries from its journals requested for republication in IEEE journals, and, upon request by the IEEE, AEI will produce an annual review of the Italian progress and state of the art in the electrical and electronic fields suitable for publication in an appropriate IEEE journal.
- AEI undertakes to support, through the co-operation of its Sections, the activities of IEEE Italian Sections, including—
 - The notification to all Italian Section members of general meetings and/or lectures;
 - Convocation of Executive Committee;
 - and, generally speaking, the organisation of their meetings. In this co-operation, the identity of IEEE Italian Sections shall be duly preserved, even when appearing jointly with the relevant AEI Section.
- To implement the co-operation between AEI and IEEE as resulting from the above articles, it is desirable to encourage electrical engineers to become members of both Associations by granting advantageous combined membership rates. For the trial period of two years a 20% discount will be allowed on the sum of the present membership rates. The income resulting shall be divided equally between AEI and IEEE.

With dues at their present rates, the following figures would result:—

Regular members—sum of both rates \$45
cumulative rate \$36—\$18 to each Institute
Student members—sum of both rates \$16
cumulative rate \$13—\$6.50 to each Institute

In the event of a dues change, in either Society, the financial schedule will be renegotiated.

8. Given the difficulty of an early assessment of these savings, the suggestion is made that an agreement be made on a provisional figure for the term of two years, after which results can be compared and further decisions made.

Joint ASE/IEEE Student Membership

In order to provide a more effective basis for co-operative operation between the junior members of the Switzerland Association of Electrical Engineers (ASE) and the Student Members of the IEEE Switzerland Section, a joint ASE/IEEE Student Membership is established. Characteristic of this joint membership is that there would be one or more common branches for ASE/IEEE Student Members. These members would receive the full services of an IEEE Student Member, including receiving "SPECTRUM" and the normal student rebates to the Student Branch; in addition, ASE/IEEE Student Members would receive the Bulletin of ASE, normal announcements and conference privileges of ASE members, and an additional rebate from ASE equal in principle to that provided by the IEEE. ASE agrees to handle the mailing and other communications to the Joint Student Members. ASE would receive the student mailing, including billings, from IEEE Headquarters, and would appropriately distribute these mailings. In turn, ASE would receive the joint ASE/IEEE membership fees and would forward to IEEE Headquarters the regular IEEE Student fee (\$8). In addition, the necessary joint ASE/IEEE student membership information would be provided from ASE by list (or punched cards) to Headquarters. The fee to the Joint ASE/IEEE Student would be \$10 per year. Students would retain the possibility of being either only a Junior Member of ASE or a Student Member of IEEE.

Second European Solid State Research Conference

This Conference will be held at Lancaster University, England, from 12–15 September 1972. It is sponsored by the European Physical Society, the Institute of Physics, the German Physical Society, the Dutch Physical Society, the IEE, the Institution of Electronic and Radio Engineers, and the IEEE. The Conference will emphasise solid state displays, surface wave devices, microwave sources and detectors, devices for optical communications, materials of device interest, semi-conductor memories, magnetic devices, novel active devices, and improved device technology. The Conference will feature a series of invited talks by distinguished workers in the field. These talks are as follows:— Professor E. A. Ash, University College, London: "Integrated Optics"; Dr. M. Bernard, CNET, Paris, France: "Non-Linear Optical Susceptibilities and Parametric Interactions in Solids"; Prof. J. H. Collins and Dr. J. D. Adam, Edinburgh University, Scotland: "Microwave device Applications of Optitaxial Ferri-

magnetic Films"; Dr. S. R. Hofstein, Princeton Electronic Products, New Brunswick, USA: "Dollars and Science"; Dr. W. J. Merz, RCA Zurich, Switzerland: "Ferroelectricity and its Applications"; Dr. E. G. S. Paige, RRE, Malvern, England: "Acoustic Surface Wave Devices: Against the (Digital) Tide"; Prof. H. J. Queisser, Max Planck Solid State Institute, Stuttgart, Germany: "Relaxation Case Semi-Conductors"; Prof. W. Shockley, Stanford University, California and BTL, Murrah Hill, USA: "The Invention of the Transistor—an Example of Creative-Failure Methodology".

Offers of contributed papers are now welcome. Instructions and other details should be obtained from the Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1, England. Residential accommodation will be available in the University Halls of Residence.

Journées d'Electronique 1972

Organised for the third time at the Federal Institute of Technology, Lausanne, Switzerland, from 17-19 October 1972, the Symposium again features the giving of information of high scientific and technical standing to persons not necessarily specialising in this field. The sponsors are, therefore, looking for speakers discussing basic technology and applications on the following topics relating to display systems: Light emitting diodes, CRT's, liquid crystals, laser beam display systems, plasma displays and/or others.

NEWS OF THE SECTIONS

DENMARK SECTION

The Executive Committee for 1972 is as follows:—

Chairman: Professor P. E. Gudmansen, Laboratory of Electromagnetic Field Theory, Technical University of Denmark, DK-2800 Lyngby.
Vice-Chairman: Mr. G. F. Hansen, GNT Automatic, Telefonvej 6, DK-2860 Soborg.
Secretary/Treasurer: Professor H. O. Mortensen, Danish Engineering Academy, DIA-E, DK-2800 Lyngby.
Assistant Secretary/Treasurer: Mr. H. V. Jacobsen, A/S Hellesens, Aldersrogade 6, 2100 Copenhagen O.
Contributing Editor: Mr. J. A. Richter-Nielsen, Electric Power Engineering Department, Technical University of Denmark, DK-2800 Lyngby.
Student Counsellor: Mr. E. Nilsson, Laboratory of Electromagnetic Field Theory, Technical University of Denmark, DK-2800 Lyngby.

GREECE SECTION

Officers and Committee Chairmen are—

Chairman: J. D. Flambouriaris
Vice-Chairman: C. E. Papasiphakis
Secretary/Treasurer: M. Levachides
Student Activities: J. A. Tegopoulos
Programme: C. Cassapoglou
Membership and Transfers: A. N. Sakellariou
Publicity and Public Relations: N. D. Metaxas
Section Publication: T. Avgeris
Awards: J. F. Zamartos
Fellowship: B. Papadias

IRAN SECTION

Nomination of Section Officers took place at a meeting arranged for 18 March.

The following Seminars have been arranged: **29 April**: "Computer Analysis of Power Systems" by R. B. Shipley, Power Division, Ministry of Water and Power; **6 May**: "Signal Design for RC Matched Filters" by A. A. Beihaghi, Ministry of Science; **13 May**: "Preferred Fuel and Economical Transmission of Energy in Iran" by A. A. Nooshin, Tavanir Company.

ISRAEL SECTION :

A G-AP/ED/MTT Joint Chapter has been formed for the following Groups: G-3: Antennas and Propagation; G-15: Electron Devices; G-17: Microwave Theory and Techniques, and submitted to Headquarters for approval.

NORTH ITALY SECTION

Officers of the Section are—

Chairman: Prof. E. de Castro, Istituto di Elettronica, Viale Risorgimento 2, Bologna.
Vice-Chairman: Prof. V. Svelto, CISE, Via Redecasio, Segrate.
Secretary/Treasurer: Prof. V. A. Monaco, Istituto di Elettronica, Viale Risorgimento 2, Bologna.
Awards Committee: Prof. G. Biorci, Istituto di Elettronica, Viale Cambiasio 6, Genova.

Papers presented by the speakers, in French, English or German, will be published in "Comptes Rendus des Journées d'Electronique 1972". Interested persons were asked to submit their propositions by 31 March 1972 to the Secretariat des Journées d'Electronique 72, EFP-L, Ch. de Bellevire 16, CH-1007 Lausanne, Switzerland. An exhibition of products will also be included.

NTG—Conference "Signal Processing"

The Professional Group No. 1: information theory and System theory, of the "Nachrichtentechnische Gesellschaft" (NTG), in co-operation with the German Section of the IEEE, is arranging a Conference on signal processing. It will take place in Erlangen, Federal Republic of Germany, from 11-13 April 1973. Topics of the meetings are methods and systems for signal processing, especially with digital means, and applications to processing of speech and images, biomedical or seismographic signals, and in communication systems.

Lectures of 20 minutes are intended, in German and English. Authors are invited to send a brief abstract of their intended paper (not more than 1-2 machine-written pages), not later than 11 September 1972, to Prof. W. Schuessler, Institut für Nachrichtentechnik, University Erlangen-Nuernberg, 8520 Erlangen, Egerlandstrasse 5, Germany.

Membership Committee: Prof. G. Francini, Istituto di Elettrotecnica, Via Gradenigo 6/a, Padova.
Publicity Committee: Prof. S. Toniolo, IENGF, Corso Massimo D'Azeglio 42, Torino.
Senior Past-Chairman: Prof. E. Gatti, Politecnico di Milano, Piazza Leonardo da Vinci 32, Milano.
Junior Past-Chairman: Prof. G. Catenacci, CESI, Via Rubattino 54, Milano.
Junior Past Secretary/Treasurer: Mr. G. Carrara, CESI, Via Rubattino 54, Milano.

SWEDEN SECTION :

The following is the Executive Committee for 1972:—

Chairman: Mr. C. A. Wannerskog, Manager, SKF, Electric Control Systems, Fack 1521, Gothenburg
Vice-Chairman: Prof. G. Petersson
Secretary/Treasurer: Prof. T. Fjällbrant, Linköping University, Linköping
Vice-Secretary/Treasurer: Prof. P.-A. Tove
Past Chairman: Prof. R. I. Magnusson

SWITZERLAND SECTION

After a rather slow start, the Outstanding Speakers Programme is picking up. Two speakers will be guests of the Switzerland Section in the beginning of 1972. Four other speakers were invited and indicated their willingness to come, although no firm arrangements have been made as yet.

The EFO-Lausanne Student Branch is being organised. Professor de Cou'on, Counselor, conducted a recruitment campaign, collecting so far 11 new registrations (total membership about 30).

UNITED KINGDOM AND REPUBLIC OF IRELAND SECTION

Dr. A. J. Ellison is to assess the value of some of the tape/slide lectures which have been re-edited.

Universities and polytechnics are to be advised of speakers visiting UK from other Sections. Speakers from UK prepared to give lectures when abroad are asked to notify the Section Secretary, giving dates, countries and a summary.

YUGOSLAVIA SECTION

The Yugoslavia Section is the newest Section in Region 8. Official formation took place in Ljubljana on 13 October 1971. The following Section Officers were elected for 1972:—

Chairman: Mr. M. Gruden
Vice-Chairmen: Mr. V. Albert and Mr. S. Bingulac
Secretary: Mr. J. Furlan
Treasurer: Mr. A. Dobnikar
Student Activities Committee Chairman: Mr. A. Wedam

At the moment the Section has 16 members (A, M and SM) and applications for 19 new members have been received. The Student Branch in Ljubljana has 36 Student Members.

STUDENT ACTIVITY NEWS

In addition to the various news of student activities in the News of Sections, it should be noted that Professor P. G. A. Jespers, Director of Region 8, has appointed Professor A. Vander Vorst as Region 8 Student Activities Chairman for 1972 and 1973. Professor Vander Vorst wishes everyone to feel free to contact him at—Prof. A. Vander Vorst, Laboratoire d'Hyperfréquences

UCL, Kardinaal Mercierlaan 94, 3030 Heverlee, Belgium (telephone 16/22314).

A Region 8 IEEE student member was selected to attend the Convention in New York in March 1972. Further news of this will be included in a future Newsletter.