EUROCON 74
EUROPEAN CONFERENCE ON ELECTROTECHNICS
AMSTERDAM, THE NETHERLANDS, APRIL 22-26 1974

Further information
For further information contact the conference office at the following address
Eurocon 74, c/o KIVI, 23 Princessgracht. The Hague, Netherlands. Telex 33641, Telephone 070-64 6800, Telegram address KONINGSTING—THE HAGUE.

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INTERNATIONAL CONGRESS CENTRE, AMSTERDAM

Eurocon 74, successor to the successful IEEE Conference held in Lausanne, Switzerland in 1971, will take place in Amsterdam from April 22-26 1974 under the general title of 'The Engineer in Society'.

Broad scope
The programme will consist of invited and contributed papers, lectures and panel discussions covering a wide area in electrical and electronic engineering grouped into the following six Sections - Controlling the future; Instrumentation electronics; Communications for the 1980's; The computer in society; Biomedical engineering, and Education.

Relief on deadline for abstracts
A large number of papers have already been received but due to the late distribution of the announcement and call for papers in some countries, the deadline for receipt of abstracts will not be rigidly observed for a few more weeks so that intending authors of important papers still have time to present their latest work and have it discussed.
The Project is designed both to use and to enhance the capabilities of IEEE members, but it depends on our getting information to members through the many and varied organizational units of the Institute, and upon their being able to get back to us. The former is a function of the IEEE infrastructure's enthusiasm for TF & A. For the latter, the appointment of Dr. W. Morsch as TF & A Project Manager means there will be a renewed and continuing commitment by the Project in a difficult to maintain. Dr. Morsch is based in IEEE's Washington office, 2029 K Street NW, Washington DC 20006, 202/785-0017.

**W. R. G. Baker Prize Paper Award**

This Award, consisting of a certificate and $1,000, has now been extended to include papers written for the "Proceedings", instead of being limited to material appearing in any "IEEE Transactions". The new rule will apply to the 1975 and subsequent Awards. The final date for application for the 1974 Award was 15 September and submittals have now been received. Copies may be ordered from the Standards Office at $4.

**American National Electrical Safety Code**

This Code has now been published as a single-volume edition. This is the first time in 25 years that the entire Code has been published in one volume. The book was published as an American National Standards Institute publication and is available in 2500 copies. Copies may be ordered from the Standards Office at $4.

**Land Transportation Re-Aligns**

In a move to re-structure sub-committees to better serve its members, the Land Transportation Committee of the Industry Applications Society has decided to become active in the following areas of interest, as revealed from a mail survey of members:—transit, railroad, advanced systems, non-guideway vehicles, standards and foreign practices, programmes, papers' review and publicity. With increasing interest in electric drives for vehicles, and especially for off-highway types, a new Non-Guideway Vehicles Sub-Committee will be concerned with recreation vehicles, mining and agricultural standards and similar vehicles operating over land. This new Sub-Committee will be applications oriented.

New officers of the Land Transportation Committee, who were active in the re-structuring activity and will hold office for the coming year include—Chairman: R. M. Smith, Manager, Electric Locomotive Design and Development, General Electric Co., USA; Vice-Chairman: D. Aboudara, Marketing Manager, Rail Transport, 3M Industrial, Inc.; Secretary: T. P. Woll, Test Director, DOT Test Test Program, Federal Railroad Administration.

**IEEE Award in International Communication**

Frank de Jager and Johannes Greefkes were presented with the IEEE Award in International Communications on August 17th, by the Institute's Communications Board. The presentation was made during the IEEE International Conference on Communications in Seattle on 12 June.
Mr. Greefkes began his electronics career at N.V.Vos & Zn, Amsterdam in 1933. Five years later he joined Philips Telecommunications Industries. In 1946 he became Senior Engineer at Philips Research Laboratories. That was the same year that Mr. de Jager, having received his electrical engineering degree, also joined the same firm. In 1958 the two men received the Verder Award for improvements in the transmission of speech at a low signal-to-noise ratio. The IEEE International Communications Award is being presented to them "for their contributions to communication systems research, in particular for their inventions in the delta-modulation area". Mr. de Jager was appointed Senior Engineer in 1964. Mr. Greefkes, who retired from Philips in 1972, is currently a faculty member in the Telecommunications Department of the Eindhoven University of Technology. Both are members of the IEEE, Mr. de Jager as a Senior Member, and Mr. Greefkes as a Fellow. Mr. de Jager is also Vice-President of the Netherlands Society of Radio and Electronic Engineers.

Watts in a Name?
University of Alabama Professor H. Mott writes "As we study the (1970 IEEE) Directory names, it becomes clear that the profession is in good condition. There are 15 Brights and 1 Brilliant, as compared with 4 Dulls, Win (1) and Winner (5) outnumber Loser (1) and Unwin (1). It is interesting not to note that the Directory lists 35 Wises, 7 Wisemans and 3 Wisdoms, but only 9 Lucys and 2 Lucys. Perhaps this shows that, contrary to present belief, wisdom is a more useful survival trait than luck!"

REGION 8 NEWS

IEEE Membership
Benefit of IEEE Membership
Engineers need a continuing self-improvement programme to protect their investment in education and to keep up with the continuous advancement in the field. All the programmes of the IEEE (a trans-national society working in co-operation with the national engineering societies) are designed to aid members with day-to-day operating problems and to contribute to their long-term professional development and advancement. A few of the benefits that the over 160,000 members of the IEEE have are:

- Publications: The IEEE member has access, at greatly reduced rates, to many of the world's most comprehensive publicaton operations in the electrical and electronics field.
- Meetings: The IEEE member may, at reduced rates, attend and participate in a large number and variety of meetings—general and specialised—on local, regional, national and international levels.
- Educational Services: The IEEE member has the opportunity to use a wide range of educational services to avoid technical obsolescence.
- Personal Contribution: The IEEE member may contribute time and talent in many areas of the Institute's activities. Such participation not only gives personal satisfaction of accomplishment, but also, as a dividend, provides training and experience in leadership.
- Personal Recognition: the IEEE member is identified on a world-wide basis with others who have chosen the same profession; his name appears in the IEEE Membership Directory, and he is eligible for IEEE Awards.
- Group Insurance: The IEEE member may participate in the IEEE insurance Programme.

Membership and Transfer
A continuing effort to recruit new members, to maintain the membership, and to promote transfers in grade is a vital part of the Institute's activity. The greater the participation by engineers and scientists in furthering the objectives of the IEEE, the broader the technical exchange. The greater the membership of the IEEE, the better the IEEE may serve you and the electrical and electronics profession. This is the reason the IEEE is always concerned with extending its membership even though it is already the largest technical gathering in the world. You are requested to help in this matter by taking an active part in one or more of the following activities:

- New Members: You are benefiting from the services offered by the IEEE. Many of your colleagues would also benefit greatly by IEEE membership, so bring the IEEE and its advantages to their attention and urge them to become members (from October there are no dues for 1973, whilst membership privileges start immediately). The goal for Region 8 should be that each Engineering Department or Engineering Company have IEEE membership and transfer in one of its Senior Members by elevating them to the grade of "Member". This additional to the recognition of competence which the higher grade gives him. A member who has held the grade of "Member" for about seven years may be eligible for transfer to "Senior Member", and thus be eligible for nomination to the grade of "Fellow", in addition to the badge of distinction which the grade of "Senior Member" conveys. If you do not have the appropriate grade, please take the necessary steps to get this rectified.

- Fellow Nomination: Every year the IEEE honours about 25 of its Senior Members by elevating them to the grade of Fellow. If you know of anyone whom you believe should be recognised in this way, please take the necessary steps to have him nominated for Fellow.

- Members in Arrears: 722 of the members in Region 8 had not, by the end of June 1973, paid their dues for 1973 and have thus been taken off the active membership list. I urge you to check with your colleagues and, if they have not sent their dues please find out why, and request that they rectify the situation immediately so that they may once again receive IEEE publications and also that other membership services may be restored.

- Resigned Members: 92 members in Region 8 have resigned during the first six months of 1973. If you know of anyone who has resigned, please find out why and send the information to your Section Chairman. Also request that he apply for re-instatement as a member.

Regional and Sectional Activities
Many of the IEEE services depend upon the activities of the Regional and Sectional officers and Committees. The IEEE is always looking for suggestions for improvements in membership services, and for people who are willing to take an active part in IEEE work. If you have any suggestions or are willing to work, please write to your Section Chairman or to me. Included in this Region 8 Newsletter is an addressed postcard for your convenience. Please use a few minutes to fill it in and return it to me. Thank you very much for your co-operation.

Andreas Rannestad, IEEE Region 8 Member, Membership and Transfers Committee.

Meeting of Region 8 Committee
The Committee has received an invitation to meet in Germany on 26 and 27 October. This will be the first time the Committee has met in that country.

Outstanding Speakers
The only speaker visiting Europe whose name has been notified to the Editor since the last issue is Prof. W. Janischewskyj, Electrical Engineering Department, University of Toronto, Toronto 5, Canada. The titles of his lectures are "Studies of Transmission Line Corona" and "Transport of Energy from the Canadian Arctic". No abstracts are available. He will be visiting Prague and Ljubljana and will be available in Prague from 12-17 November. His languages are Polish and English.

Contact Mme. D. Kohoutova, Head of Research Section, Power Research Institute, Partyzanska FA, Prague 7, Czechoslovakia. Information should be sent directly to the speaker, with copies to the Director of Region 8, Mr. C. R. Russell, 14 Warwick Road, Ealing, London W5, UK.

MEETINGS IN REGION 8

1974 International Optical Computing Conference
Papers are desired for this Conference, sponsored by the IEEE Computer Society. It will be held in Zurich, Switzerland, from 9-11 April 1974. Areas of interest are holographic imaging, coded aperture techniques, speckle techniques and holographic interferometry, and optical computing systems. A 200-word informal summary of all prospective papers and a biographical sketch of the author(s) must be submitted to Dr. D. Casasent, Technical Program Chairman, Carnegie-Mellon University, Department of Electrical Engineering, Pittsburgh, Pa. 15213, USA. Authors will be notified of acceptance of their paper by 15 December 1973. A 1,000-2,000-word technical digest summary of all accepted papers is due before 1 February 1974 in camera-ready form for inclusion in the Conference Digest.

Contact: Harry Hayman, PO Box 639, Silver Spring, Maryland 20901, USA, telephone: 301-439-7007.
SECOND INTERNATIONAL SYMPOSIUM ON BIOTELEMISTRY

Three years after the successful first meeting, a new interdisciplinary Symposium will take place in Davos, Switzerland, from 20–24 May 1974 and make possible an exchange of information between scientists from the fields of medicine, biology and engineering. The Organising Committee (Chairman: P. A. Neukomm, Labor für Biomechanik/Turnen und Sport ETHZ, Plattenstrasse 26, CH-8032 Zurich) announces a call for papers on new developments and new applications of biotelemetry (deadline: 15 December 1973). Programmes with registration forms are available there.

Along with the classical problems of biotelemetry, that range from the transmission of biomechanic, cardiovascular, respiratory and neurophysiological parameters to problems of miniaturisation, (implantable transmitters, integrated circuits for biotelemetry, etc.), special focus will be given to a number of new questions such as pre-processing and reduction of telemetric data; storage telemetry (e.g., digital recording of biomedical data on free ranging animals or ambulant patents); clinical telemetry (e.g., medical monitoring of patients with small alarm transmitters); clinical emergency telemetry (e.g., transmission of E.C.G. from ambulances, etc.).

Together with the International Society on Biotelemetry, the two Swiss Federal Institutes of Technology (Lausanne and Zurich) are the main organising bodies behind the meeting. As precision mechanics is a field which has received traditional emphasis in these two Universities, special attention will be given to the complicated problems of transducers and measuring heads for biomedical signals.

The organisers hope that this meeting may serve a dual purpose: first, to bring to the knowledge of doctors and biologists the state of the art of biotelemetry and especially to inform them of new technical possibilities, trends and developments. Secondly, to help engineers gain an exact idea of the problems involved in biomedical measurements and give them the incentive as well as concrete suggestions to develop new methods of biomedical signal acquisition.

Abstracts of approximately 500 words are required before 15 December 1973. Information may be obtained from P. A. Neukomm, ETHZ Turnen Sport/Biomechanik, Plattenstr. 26, CH-8032 Zurich, Switzerland.

EUROPEAN MICROWAVE CONFERENCE

The Fourth European Microwave Conference is to be held in Montreux, Switzerland, during the week 10–14 September 1974. It will be dedicated to recent developments, significant theoretical and applied contributions in the fields of microwaves. Information may be obtained from the Conference Chairman: Prof. F. Gardiol, Ecole Polytechnique Fédérale, chemin de Belliere 16, CH-1007 LAUSANNE, Switzerland.

In other Sections as it has provided them with ideas for similar activity. Consequently the Editor would be happy to receive news of any completed activity for inclusion when space permits.

The next issue of the Newsletter will be in January, and all news must reach the Editor before 15 December 1973.

STUDENT ACTIVITY NEWS

It has been noted that many Branches collect a number of applications and transmit them as a unit to Headquarters. Some Branches are holding on to these applications for almost a month, however. Batched applications should be sent to Headquarters weekly to avoid any additional delays.

STUDENT NEWSLETTER

The Student Newsletter, Volume II, begins in October. The Editor would appreciate receiving significant news items and articles, including black and white photographs. While it is too late to make the first issues, you should make note of the future deadlines: 1 December for the February issue, and 1 February for the April issue. Material should be sent to Bob Asdal at Headquarters.

BENDIX AWARDS

These Awards, which total $2,500, help to support specific projects of Student Branches, and seven Branches have benefited in 1973. Proposals for the 1973 Bendix Awards must be postmarked no later than 31 December 1973. Details are available from Bob Asdal at Headquarters.

INDIVIDUAL MEETING REPORTS

Individual meeting reports (on yellow sheets) are no longer required by Headquarters. You should, however, record the names of speakers and films used at meetings. A list of contacts for industrial tours should also be maintained. This information is useful to other Branches and will be requested in a new Annual Report. Eventually a speaker's tours, and film directory will be published from material contained in the Annual Reports.

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