



IFAC

INFORMATION BULLETIN

No. **89** November 18, 1975

**International Federation
of Automatic Control**

Published by the IFAC Secretariat
D 4 Düsseldorf 1 - P.O.B. 1139

For immediate release

Transfer of the IFAC Secretariat (from Düsseldorf, FRG to Helsinki, Finland)

By a decision of the Executive Council of IFAC the IFAC Secretariat will be transferred from Düsseldorf to Helsinki at the end of 1975.

Mr. S. Aarnio, the new Hon. Secretary and *Mrs. S. Saari*, the new Deputy Secretary, of

IFAC Secretariat
c/o EKONO
P.O.B. 27
SF 00131 Helsinki 13 / Finland

will take up their duties on January 1, 1976.

The Secretariat will remain in Helsinki, under the patronage of the Finnish National Member Organization, for a maximum of three years.

Please direct your mail from now on to the new IFAC Secretary; letters arriving in Düsseldorf after October 31, 1975 will be sent on to Helsinki. There may thus arise some delay in the usual business in the interim period which we beg to excuse.

The staff of the IFAC Secretariat at Düsseldorf hereby express their gratitude to all IFAC officials, associates and friends who have so willingly rendered their assistance for many years and made our work so pleasant and, possibly, efficient. We ask you to give the new Secretaries your undivided support.

M. A. Kaaz
IFAC Secretary (Hon.)

Changes in Bulletin

As of January 1976, the title of the IFAC Information Bulletin will be changed to "IFAC PRESS RELEASE". Its contents will be of news value, consisting mainly of information and characterization of future IFAC events.

The free distribution of the Bulletin, currently published in more than 2500 copies, will be reduced. The mailing list will be severely cut down and, in particular, the distribution to individuals will be discontinued. On the other hand, subscribers to the IFAC Journal "Automatica", published by Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England, will, in the future, find the "IFAC Press Release" inserted in "Automatica". Readers interested in subscribing to "Automatica" should ask Pergamon Press for details.

Call for Papers

From February 21 to 25, 1977, an IFAC Symposium on AUTOMATIC CONTROL AND PROTECTION OF ELECTRIC POWER SYSTEMS, sponsored by the IFAC Technical Committee on Applications, will be held in Melbourne, Australia, with the participation of CIGRE. The Symposium is being organized by the College of Electrical Engineers of The Institution of Engineers, Australia, and Australian co-sponsors are the Institution of Radio and Electronics Engineers, Australia, and the Australian Computer Society, Inc. Papers are invited in the following areas:

Relevant Control Systems Theory

Improvement in Power System Dynamic Performance
- transient and steady state stability; dynamic oscillations; long term frequency transients

Control of Power Systems

- load, frequency and tie-line control; economic despatch; active and reactive-power despatch; control action in emergencies

Security and Reliability

- state estimation; monitoring; assessment; prediction and corrective action

Identification Modelling and Simulation

- as applied to plant, loads, systems; theory; technique; off-line and on-line applications

Control and Protection Schemes and Equipment

- hardwired systems; computers - software and hardware; data acquisition; validation and display systems for control and protection

Control of Power System Plant

- boiler-turbine; alternator; transformer; overhead and underground transmission systems; substation switching control and protection; remote control schemes

Control Centre Concepts and Equipment

- control centre hierarchies; centralised vs localised control; modern practice and equipment.

Titles of proposed papers together with an abstract (abt. 250 words) and accompanied by a statement of the author's intention to attend the symposium should reach

The Secretary,
IFAC Symposium, 1977,
The Institution of Engineers, Australia,
157 Gloucester Street,
Sydney, N.S.W. 2000, Australia,

not later than March 31, 1976. Authors will be advised of the provisional acceptance of their papers by April 30, 1976. Final selection will be made only after receipt of the full manuscript which must be in the hands of the Symposium Secretary by August 20, 1976. All correspondence and enquiries should be directed to the above address.

Revised List of IFAC Symposia 1976

Subject	Date	Place	Contact Address
7th Automatic Control in Space	May 17 - 21	Rottach-Egern, Bavaria, FRG	VDI/VDE-Gesellschaft Mess- und Regelungs- technik, POB 1139, D-4000 Düsseldorf 1, FRG
3rd Instrumentation and Automation in the Paper, Rubber and Plastics Industries - PRP 3	May 24 - 26	Brussels, Belgium	3rd IFAC P.R.P. Automation Conference, Jan van Rijswijcklaan 58, B-2000 Antwerp, Belgium
Software for Computer Control (IFAC/IFIP)	May 25 - 28	Tallinn, Estonia, USSR	IFAC/IFIP SOCOCO '76, Institute of Cyber- netics, 200104 Tallinn, USSR
Automation in Offshore Oil Field Operation (IFAC/IFIP)	June 14 - 17	Bergen, Norway	Mr. K. Røsandhaug, The Ship Research Institute of Norway, N-7034 Trondheim-NTH, Norway
Large Scale Systems Theory and Applications	June 16 - 20	Udine, Italy	Prof. G. Guardabassi, Istituto di Elettrotecnica ed Elettronica, Politecnico di Milano, P.zza L. da Vinci, 32, I-20133 Milano, Italy
3rd Control in Transportation Systems (IFAC/IFIP/IFORS)	August 9 - 13	Columbus, Ohio, USA	Prof. H. R. Weed, Dept. of Electrical Engineering, Ohio State University, 2015 Neil Avenue, Columbus, Ohio 43210, USA
2nd Ship Operation Automation (IFAC/IFIP)	Aug. 30- Sept. 2	Washington, D.C., USA	Mr. J. Roche, Code M900, U.S. Maritime Administration, Washington, D.C. 20230, USA
2nd Automation in Mining, Mineral and Metal Processing	Sept. 13 - 17	Johannesburg, South Africa	Secretariat, IFAC Symposium, Conference Division (S.100), Council for Scientific and Industrial Research, POB 395, Pretoria, Republic of South Africa 0001
4th Identification and System Parameter Estimation	Sept. 21 - 27	Tbilisi, Georgia, USSR	USSR National Committee of Automatic Control, Profsojuznaja 81, Moscow GSP-312, USSR
2nd Dynamic Modelling and Control in National Economies (IFAC/IFORS)	Dec. 6 - 10	Vienna, Austria	Dkfm. W. Stejskal, c/o Austrian Centre for Efficiency and Productivity, POB 131, A-1014 Vienna, Austria
IFAC Co-Sponsorships 1976			
2nd Computer Applications in the Automation of Shipyard Operation and Ship Design (IFIP/IFAC)	June 9 - 11	Gothenburg, Sweden	ICCAS 76 Gothenburg, POB 8871, S-40272 Göteborg, Sweden
3rd Programming Languages for Machine Tools - PROLAMAT '76 (IFIP/IFAC)	June 15 - 18	Stirling, Scotland	Mr. I. A. McNish, Conference Section, National Engineering Laboratory, East Kilbride, Glasgow, Scotland
New Trends in Systems Analysis (IRIA/IFAC/IIASA)	Dec. 3 days	Le Chesnay (nr. Paris), France	Prof. A. Bensoussan, IRIA-LABORIA, Laboratoire de Recherche en Informatique et Automatique, Rocquencourt, B.P. 5, 78150 Le Chesnay, France

IFAC Publications

BOSTON CONGRESS PROCEEDINGS. The proceedings of the 6th Triennial World Congress of IFAC, conducted August 1975 in Boston/Cambridge, Mass. USA, consist of four hardbound volumes containing all technical and plenary session papers, and discussions that are available from round tables and technical sessions. The proceedings may be purchased either as a complete four-part set or as individual volumes, viz.

- Vol. I : Theory
- Vol. II : Applications
- Vol. III: Systems, Economics and Management, and Social Effects
- Vol. IV: Computers, Space, Components, and Education

Price for complete four-volume set: US \$ 125. Price for each individual volume: US \$ 35. Order should specify volume numbers or complete set and must be accompanied by a bank draft or check.

Orders and payment should be directly sent to: Instrument Society of America (ISA), 400 Stanwix Street,

Pittsburgh, Pa. 15222, USA, or to ISA's distributor for Europe: John Wiley + Sons, Ltd., Baffins Lane, Chichester, Sussex, England.

MULTIVARIABLE TECHNOLOGICAL SYSTEMS. Proceedings of the 3rd IFAC Symposium, Manchester, England, September 16 - 19, 1974.

Available from The Institute of Measurement and Control, 20 Peel Street, London W8 7PD, England, UK. Price: £ 16.50 (plus postage outside UK; normally surface mail unless other is specified).

TRAFFIC CONTROL AND TRANSPORTATION SYSTEMS. Proceedings of the 2nd IFAC/IFIP/IFORS Symposium, Monte Carlo, Monaco, September 16 - 21, 1974.

Available from North-Holland Publishing Company, P.O.B. 211, Amsterdam, The Netherlands. Price: US \$ 57.50/Dfl. 150.00.

Feb 1976 Symposium arrangements list