



IFAC

NEWSLETTER

No. 2 May, 1976

**International Federation
of Automatic Control**

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Notice

Those long time readers of the *IFAC Information Bulletin* will notice that IFAC has changed its format and title for this document. The *IFAC Newsletter* will be published routinely as an insert to *AUTOMATICA* and will also be sent to a selected mailing list. Professor M. Kümmel of Denmark has accepted the appointment as IFAC Newsletter Editor.

STEPHEN KAHNE
Honorary Editor

First IFAC/IFIP International Symposium on Software for Computer Control (Tallinn, Estonia, USSR, May 25–28, 1976)

Second announcement with preliminary scientific programme and registration form available from:

USSR National Committee of Automatic Control
Profsoyuznaya 81,
117806 Moscow,
USSR

Second IFAC/IFORS/IIASA International Conference on Dynamic Modelling and Control of National Economics (Vienna, Austria, January 24–27, 1977)

Second announcement and preliminary programme available from:

Dkfm. Wilhelm Stejskal,
Conference Secretary
c/o Australian Centre for Efficiency and Productivity
P.O. Box 131,
A-1014 Vienna, Austria

Cables: OEPEWEZET WIEN

IFAC Symposium on Automatic Control and Protection of Electric Power Systems (Melbourne, Australia, February 21–25, 1977)

Second announcement, programme and registration form available from:

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

Second International Symposium on Discrete Systems (Theory and Design of Switching Circuits) (Leipzig, German Democratic Republic, 15–18 March, 1977) (in cooperation with IFAC)

The symposium will be organized by the Scientific Society for Measurement and Automation of the GDR assisted by VEB Kombinat Robotron and the Central Institute for Cybernetics and Information Processes of the Academy of Sciences of the GDR, Technical Cybernetics Department, Dresden.

The symposium shall promote the exchange of information about recent research in the fields of switching circuit theory and applied automata theory. Special attention should be focussed on the utilization of these theories in solving practical problems.

The following topics will be dealt with:

- Synthesis of discrete systems (digital automata, switching circuits)
- Problem-oriented description of switching circuits
- Programme systems for computer-backed design of switching circuits
- Experience gained in the practical application of algorithmized methods of design
- Dynamic behaviour of switching circuits
- Fault diagnostics of switching circuits
- Reliability of switching circuits
- Analysis and synthesis of switching systems made up of IC's
- Internal organization and collective behaviour of automata
- Application of non-deterministic, stochastic and fuzzy automata
- General problems of automata theory and switching theory

Deadline for submitting abstracts is May 15, 1976.

Acceptance of the papers by August 15, 1976.

First announcement and call for paper available from:

Kammer der Technik
Wissenschaftlich-Technische Gesellschaft
für Mess- und Automatisierungstechnik
1086 Berlin, PF 1315

Telex: 0114841

The following list of IFAC publications contain all new IFAC publications since the last similar list appeared in IFAC Information Bulletin no. 83, April 8, 1974.

Meeting	Subject	To be ordered from	Price
IFIP/IFAC Conference Tokyo, August 1973	Computer applications in the automation of shipyard operation and ship design	North-Holland Publishing Co. P.O. Box 211 Amsterdam Netherlands	Dfl. 150,00
IFAC Symposium Haifa September 1973	Control of water resource systems	Proceedings being prepared for publication	
IFAC/UNESCO Workshop Zakopane September 1973	Systems analysis and modelling approaches in environment systems	ARS POLONA-RUCH Krakowskie Przedmiescie 7 Warsaw, Poland	\$10.00
IFAC Workshop Bad Boll January 1974	Productivity and Man	Peter Schuh c/o RKW, Gutleutstr. 163 D-6000 Frankfurt, FRG	\$3.00
4th IFAC/IFIP Conference Zurich March 1974	Digital computer applications to process control	IFAC/IFIP Conference Secretariat Gloriastr. 35 CH-8006 Zurich, Switzerland	SFr. 80.00 (Vol. 1 and 2: Technical papers); SFr. 20.00 (Vol. 3: Survey papers)
IFAC/IFIP Workshop Budapest March 1974	Real-time programming	no proceedings	
IFAC Workshop Enschede April 1974	Corporate control systems: a control engineering approach to management problems	no proceedings	
IFAC Symposium Saskatoon June 1974	Automatic control for agriculture	Prof. G.C. Zoerb Agricultural Engineering Dept University of Saskatchewan Saskatoon S7N 0W0 Canada	Can. \$10.00 (preprints)
6th IFAC Symposium Tsakhkadzor August 1974	Automatic control in space		
3rd IFAC Symposium Manchester September 1974	Multivariable technological systems	The Institute of Measurement and Control 20 Peel Street London W8 7PD, UK	£16.50 (+ p & p)
2nd IFAC/IFIP/IFORS Symposium Monte Carlo September 1974	Traffic control and transportation systems	North-Holland Publishing Co. P.O.Box 211 Amsterdam Netherlands	\$57.50/Dfl. 150.00
IFAC Symposium Budapest September 1974	Stochastic control	"Kultura" Hungarian Trading Company for Books and Newspapers H-1389 Budapest 62 Hungary	
IFAC Symposium Riga Sept.-Oct. 1974	Discrete systems		
IFAC Symposium Düsseldorf October 1974	Control in power electronics and electrical drives	VDI-Verlag GmbH Postfach 1139 D-4000 Düsseldorf 1 FRG	DM 198,00
IFAC/IFORS Symposium Varna October 1974	Optimization methods - applied aspects		
IFAC/IFORS Symposium New Delhi November 1974	Systems engineering education in developing nations		
6th IFAC Congress Boston August 1975	Control technology in the service of man	I S A * or John Wiley & Sons Ltd. Baffins Lane, Chichester, Sussex, UK	\$35.00 for volume or \$125.00 for four-volume set. (Vol. I : Theory, Vol. II : Applications, Vol. III : Systems, Economics and Management, and Social Effects, Vol. IV: Computers, Space, Components, and Education)

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