



# IFAC

# NEWSLETTER

## International Federation of Automatic Control

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SF-00131 Helsinki  
Finland

### LIST OF IFAC WORKSHOP 1977 2. half year 1977

Subject	Date	Place
1. Urban, Regional and National Planning, Environmental Aspects	August 5-6	Kyoto
2. Control and Management of Integrated Industrial Complexes	September 6-8	Toulouse
3. Discontinuous Computer Control Systems	September 19-23	Prague
4. Control of Management Systems	October 10-13	Varna
5. Hot Strip Mill Computer Control	October 17-21	Dubrovnik
6. Information and Systems	October 25-27	Compeigne
7. Case Studies in Automation Related to Humanisation of Work	October 31 - November 4	Enschede

### List of IFAC member organizations

#### ALGERIA, Dem. People's Rep. of

Commissariat National à l'Informatique  
Direction de la Recherche Scientifique e  
Route Nationale no 5  
Cinq Maisons  
El-Harrach

#### ARGENTINA

Secretaria de SADECA  
Maipú 645, 3er piso  
Buenos Aires

#### AUSTRALIA

The Institution of Engineers Australia  
Science House  
Gloucester and Essex Streets  
Sydney NSW

#### AUSTRIA

Österreichisches Zentrum für Wirtschaftlichkeit und Produktivität Abtlg. Automatisierung-Technische Entwicklung  
Postfach 131  
Hohenstaufengasse 3  
A-1014 Vienna

#### BELGIUM

Fédération IBRA-BIRA  
Rue Ravenstein, 3  
B-1000 Brussels

#### BRAZIL

Sociedade Brasileira de Automática  
Caixa Postal 8174  
São Paulo  
Brazil

#### BULGARIA

The National Centre for Cybernetics and Computer Techniques of the Committee for Science, Technical Progress and Higher Education  
8, Slavyanska Street  
Sofia

#### CANADA

Associate Committee on Automatic Control  
National Research Council  
Ottawa 2

#### CHINA, People's Rep. of

Chinese Association of Automation  
c/o Institute of Automation  
Academia Sinica  
Peking

#### CUBA

Centro de Automatización Industrial  
Paseo 452, esq. 19  
Apartado No. 4019  
Vedado 4  
Habana

#### CZECHOSLOVAKIA

Czechoslovak National Committee for IFAC  
Institute of Technical Cybernetics  
Slovak Academy of Sciences  
Dubrovská cesta  
809 31 Bratislava

#### DENMARK

Danish Autom. Society  
Att.: Prof. M. Kümmel  
Institutet for Kemiteknik  
Bygning 229  
Tekniske Højskole  
DK-2800 Lyngby

#### FINLAND

The Finnish Society of Automatic Control  
P.O. Box 165  
SF-00101 Helsinki 10

#### FRANCE

Association Francaise pour la Cybernétique Economique et Technique  
AF CET  
156, Bd. Péreire  
B.P. 571  
F-75826 Paris Cedex 17

#### GERMANY (Democratic Rep. of)

Wissenschaftlich-Technische Gesellschaft für Mess- und Automatisierungstechnik in der Kammer der Technik der Deutschen Demokratischen Republik  
PF 1315  
1086 Berlin

#### GERMANY

(Fed. Rep.)  
VDI/VDE Gesellschaft Mess- und Regelungstechnik  
Postfach 1139  
D-4000 Düsseldorf 1

#### GREECE

Technical Chamber of Greece  
4 Karageorgi Servias Street  
Athens 125

#### HUNGARY

Hungarian National Committee of IFAC  
Computer and Automation Institute  
Hungarian Academy of Sciences  
Kende utca 13-17  
H-1502 Budapest XI

#### INDIA

The Institution of Engineers (India)  
8 Gokhale Road  
Calcutta 20

#### IRAN

Iranian Society of Automatic Control Engineers  
(ISACE)  
P.O. Box 33/489  
Tadjrish  
Teheran

**ISRAEL**

Israel Committee for Automatic Control  
Dept. of Electrical Engineering  
Technion City  
Israel Institute of Technology  
Haifa

**ITALY**

Commissione Italiana per l'Automazione  
c/o A.N.I.P.L.A.  
Corso Venezia, 47  
I-20121 Milan

**JAPAN**

National Committee of Automatic Control  
Science Council of Japan  
22-34 Roppongi 7-chome  
Minato-ku  
Tokyo 106

**KOREA**

(Dem. People's Rep.)  
The Korean General Federation of Industrial Technology  
Automation Association  
Pyongyang

**MEXICO**

Mexican Association for Automatic Control  
(Asociación Mexicana de Control Automática - AMCA)  
Instituto de Ingeniería  
Universidad Nacional Autónoma de México  
México  
México 20, D.F.

**NETHERLANDS**

Koninklijk Instituut van Ingenieurs  
Afdeling voor Regeltechniek  
c/o Ir. F. Meiring, vakgroep NR, gebow W & S  
Technische Hogeschool  
Eindhoven

**NORWAY**

Norsk Forening for Automatisering  
Att. Miss Aase S. Ekre  
NTNF  
P.O. Box 279  
Blindern  
Oslo 3

**POLAND**

Polski Komitet Pomiarów i Automatyki  
Naczelna Organizacja  
Techniczna w Polsce  
ul. Czackiego 3/5  
Warsaw

**RUMANIA**

(Socialist Republic of)  
Comisia de Automatizare  
Calea Victoriei nr. 125  
Bucuresti

**SOUTH AFRICA**

(Republic of)  
The Honorary Secretary  
South African Council for Automation and Computation  
P.O. Box 395  
Pretoria

**SPAIN**

Comité Espanol de la IFAC  
Via Layetana, 39  
Barcelona 3

**SWEDEN**

Svenska kommittén för IFAC  
c/o Prof. B. Qvarnström  
Chalmers University of Technology  
Control Engrg. Laboratory  
Fack, S-402 20 Gothenburg

**SWITZERLAND**

Schweizerische Gesellschaft für Automatik, Sekretariat  
Seefeldstrasse 301  
CH-8008 Zürich

**TURKEY**

Türk Otomatik Kontrol Kurumu  
Istanbul Teknik Üniversitesi  
Istanbul

**UNITED ARAB REP., (U.A.R.)**

The General Organization for Industrialization  
Att.: Eng. Sayed Abdel Kader El Sheshe,  
Secretary of E.H.C.A.C.  
Metallurgical Department  
6 Khalil Agha Street  
Garden City  
Cairo

**UNITED KINGDOM, (U.K.)**

United Kingdom Automatic Control Council  
c/o The Institute of Measurement and Control  
20 Peel Street  
London W 8

**UNITED STATES OF AMERICA, (U.S.A.)**

American Automatic Control Council  
c/o Mr. M. A. Keyes, Vice-President  
Bailey Meter Company  
29801 Euclid Avenue  
Wickliffe, Ohio 44092

**UNION OF SOVIET SOCIALIST REPUBLICS, (U.S.S.R.)**

USSR National Committee of Automatic Control,  
Profsojuznaja 81  
Moscow, GSP-312

**YUGOSLAVIA**

Yugoslav Committee for Electronics and Automation, ETAN  
P.O.B. 356  
11001 Beograd

Copies of IFAC Newsletter may be obtained within limits from the above listed national member organizations.

**NON IFAC EVENTS**

**IMEKO Conference on Flow Measurement**  
(Groningen, The Netherlands 12-15 September 1978)

**Methods to be covered**

electromagnetic flow meters  
pressure difference devices and systems  
turbine and positive displacement meters  
vortex flow meters  
sonic nozzles  
ultra sonic flow meters  
transit time methods including cross-correlation techniques  
tracer methods  
weirs and flumes

**Applied in**

process industry  
civil engineering  
iron and steel industry  
food/paper industry  
power generation  
pipeline transport of solids, oil, water, chemicals and gas sewage systems

**Further information available from**

FLOMEKO 1978  
P.O. Box 19/Groningen  
The Netherlands