



IFAC

NEWSLETTER

**International Federation
of Automatic Control**

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Finland

IFAC EVENTS

At a meeting in The Hague in June this year IFAC has approved the following events:

Symposiums for 1979

Comparison of Automatics and Operation Research Techniques Applied to Large Systems Analysis and Control (IFAC/IFORS) (Toulouse, March, 1st week)

2nd Software for Computer Control (IFAC/IFIP) (Prague, June 10 - 16)

8th Automatic Control in Space (Oxford, July 1st/2nd week)

Computer Aided Design of Control Systems (Zürich, September, 1st week)

5th Identification and System Parameter Estimation (Düsseldorf, September 17 - 21)

Symposiums for 1980

Systems Approach and Computers Applications for Development (IFAC/IFIP) (Shiraz, May 27 - 29)

Workshop in 1978 in conjunction with IFAC Congress

Real-Time Programming (IFAC/IFIP) (Helsinki, June 19 - 21)

A number of other events are being considered for 1979, 1980, etc. and will be announced in due course.

NON IFAC ACTIVITIES

IFIP Conference on Managers, Databases and Information Systems (Amsterdam, the Netherlands, November 28 - 30, 1977).

At this conference some of the central themes will be: To what extent can a database be of help to a manager to satisfy his information needs?

Are many database specialists needed, or is there another solution?

How can a manager effectively control the implementation systems and databases without becoming a specialist?

What should every manager in 1978 know about information systems and databases?

Further information available from:

40, Paulus Potterstraat
1071 DB Amsterdam
The Netherlands.

IMEKO Symposium on Application of Statistical Methods in Measurement to Improve the Efficiency and Quality in Industry (Leningrad, USSR, May 10 - 18, 1978).

The Symposium will deal with the following main topics:

- investigation of industrial processes
- testing of the quality of products
- design of industrial experiments
- estimation of products' reliability

To attain interdisciplinary discussion the organizers are strongly interested in the participation of specialists from various fields of application, e.g.

- energy production and distribution
- water supply
- chemical and petroleum industry
- food industry
- iron and steel industry
- machine building
- production of electrical and electronic equipment
- textile industry
- consumer's industry, etc.

All inquiries related to the Symposium should be directed to the

IMECO Secretariat
H-1371 Budapest (Hungary)
POB. 457

IPA Conference on Computers, Communications, and Technology Transfer (Jerusalem, Israel, August 6 - 9, 1978).

Organized by: IPA—Information Processing Association of Israel

Sponsored by: IFIP and several other organizations

Primary emphasis in this conference will be on the role of computers in the transfer of technology

between large and small countries and between developed and developing societies.

Topics

The following list suggests specific areas of interest:

1. Transfer of Computer Technology
2. Communication Networks, Satellites, and Computers
3. Data Base Systems and Methodologies
4. Software Engineering
5. Microcomputers and their Applications
6. Management of Computing Facilities
7. The Computer Service Industry
8. Education, Training, and Development of Personnel
9. The Interface between Applications and Theory
10. The Effect of Computing Applications on Organizations, People, and Social Systems
11. Computers in Administration, Banking, and Industry
12. Computers in Agriculture
13. Computers in Medicine
14. Computers and Urban Living
15. Computers in Process and Storage Control
16. Resource Allocation in Developing Countries
17. Indigenous Development of Hardware and Software
18. National Policies for Computer Usage
19. Future Developments

Both abstracts and manuscripts should be sent to:

Stanley Winkler
c/o Association for Computing Machinery
1133 Avenue of the Americas
New York, New York 10036.

The program Committee will give notice of acceptance or rejection by March 15, 1978.

Call for papers and further information may be obtained from:

JCIT 3 Secretariat, IPA
P.O. Box 13009, Jerusalem, Israel
or
JCIT 3 Secretariat
c/o Department of Computer Science
SUNY at Buffalo, 4226 Ridge Lea Road,
Amherst, New York 14226.

ISA Publication

The following new publication produced by ISA this year is available from:

Publication Instrument Society of America
400 Stanwix Street
Pittsburgh, PA 15222
U.S.A.

In Europe from:

John Wiley & Sons Ltd.
Baffins Lane
Chichester, Sussex, PO19, England.

In Asia, Near and Far East:

Intercontinental Marketing Corp.
IPO Box 5056, Tokyo 100 - 31, Japan.

ISA/77 Anaheim Proceedings—Chemical & Petroleum Instrumentation

Instrumentation in the Chemical and Petroleum Industries,

Volume 13

ISBN 87664-363-2 128 pp.

Hardbound List price \$20

Softbound List Price \$15

ISA/77 Anaheim Proceedings—Process Measurement & Control

Final Control Elements, Volume 3

ISBN 87664-364-0 176 pp.

Softbound List Price \$16

ISA/77 Anaheim Proceedings—Metrology

Metrology in Industrial Instrumentation

ISBN 87664-365-9 32 pp.

Softbound List Price \$5

ISA/77 Anaheim Proceedings—Instrument Maintenance & Training

Instrument Maintenance Management, Volume 12
Including Training

ISBN 87664-366-7 72 pp.

Softbound List Price \$8.

Biomedical Instrumentation Symposium Proceedings

Biomedical Sciences Instrumentation, Volume 13

ISBN 87664-360-8 144 pp.

Softbound List Price \$16

Aerospace Instrumentation and Test Measurement Symposium Proceedings

Instrumentation in the Aerospace Industry,
Volume 23 and

Advances in Test Measurement, Volume 14

ISBN 87664-362-4 568 pp.

Softbound List Price \$40

Aerospace Instrumentation Symposium Tutorial Proceedings

Fundamentals of Aerospace Instrumentation,
Volume 9 and

Fundamentals of Test Measurement, Volume 4

ISBN 87664-369-1 40 pp.

Softbound List Price \$5

Hospital Instrumentation Textbook and Study Guide Published by ISA

Hospital Instrumentation Care and Servicing for
Critical Care Units

ISBN 87664-324-1 192 pp.

Hardbound List Price \$9.50

Hospital Instrumentation Care and Servicing
for Critical Care Units: An In-Service Study-
Guide

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Softbound List Price \$3