IFAC EVENTS 1977

Subject	Date	Place
IFAC SYMPOSIA AND CONFERENCES		
1. 2nd Dynamic Modelling and Control of National Economies (IFAC/IIASA/IFORS)	January 24—27	Vienna
2. Automatic Control and Protection of Electric Power Systems	February 21—25	Melbourne
3. 2nd Discrete Systems	March 15—18	Dresden
4. Trends in Automatic Control Education	March 30—April 1	Barcelona
5. 5th Digital Computer Applications to Process Control (IFAC/IFIP)	June 14—17	The Hague
6. 4th Multivariable Technological Systems	July 4—8	Fredericton, N.B.
7. Environmental Systems Planning, Design and Control	August 1—5	Kyoto
8. Control Mechanisms in Bio- and Ecosystems	September 12—16	Leipzig
9. 2nd Control of Distributed Parameter Systems	June 28—July 1	Coventry
10. Computer Applications to Discrete Manufacturing	September 19—23	Prague
11. 2nd Control in Power Electronics and Electrical Drives	October 3—5	Düsseldorf
12. 2nd Systems Approach for Development (IFAC/IFORS)	November 26—29	Cairo
13. Information Control Problems in Manufacturing Technology	October 17—19	Tokyo
IFAC WORKSHOPS		
1. Control Aspects of Artificial Organs	May 5—12	Warsaw
2. System Analysis Applications	June 1—6	Bytom
3. Real-time Programming (IFAC/IFIP)	June 20—22	Netherlands
4. Urban, Regional and National Planning, Environmental Aspects	August 5—6	Kyoto
5. Control of Management Systems	October 10—13	Bulgaria
6. Case Studies in the Humanisation of Automation	November	Enschede
7. Control and Management of Integrated Industrial Complexes	September 6—8	Toulouse
8. Information and Systems	October	Arles
IFAC CO-SPONSORSHIPS		
1. Working Conference on Sociotechnical Aspects of Computerized Automation (IFIP/IFAC)	May 15—20	Varna
2. New Applications of the Theory of Dynamics Systems (CISM/It.Nat.Research Council/UNESCO/IFAC) *Workshop*	June 20—26	Udine
3. Differential Games and Applications (Inst. for Mechan. Theory, Darmstadt/Twente Univ./IFAC) *Workshop*	March 16—25	Netherlands or Germany
4. Physiological Systems Models (IMACS/IFAC) *Workshop*	November	New Brunswick, N.J.

International Working Conference on Socio-Technical Aspects of Computerization
(Varna, Bulgaria. 15–20 May 1977)

Sponsored by the IFIP and co-sponsored by IFAC. Organized by the Institute of Mathematics and Mechanics at the Bulgarian Academy of Sciences.

Purpose:

The aim of the Conference is to determine the present status and perspectives in the following areas: Human system design criteria, usage commodity, operation-facilities, education, satisfaction and overall performance.

Further information and first announcement from:

> Organizing Committee,
> 1000 Sofia P.O.B. 373,
> Bulgaria

7th IFAC/IFIP Real Time Programming Workshop (Eindhoven, The Netherlands. 20–22 June 1977)

The purpose of the workshop is to provide a forum for discussion and exchange of ideas between people actively engaged in real time programming, especially on areas such as real time languages and operating systems, distributed real time systems and reliability. In addition to formally presented papers, emphasis shall be laid upon discussion. For this reason the number of participants is limited to about 50.

If you are interested in participating in the workshop, please write to:

> The Workshop Organizer
> C. H. Smedema
> Philips Research Laboratories
> Eindhoven, Netherlands

before 15 February 1977. If offering a paper, an abstract of 1–2 pages should be included. Authors will be informed about acceptance by 1 April 1977.

IFAC Workshop on Control and Management of Integrated Industrial Complexes (Toulouse, France. 6–8 September 1977)

Organized by French National Member Organisation of the IFAC.
Purpose:

The aim of the Workshop is to bring together experts from various disciplines in order to provide a synthesis of the diverse ways of looking at the problem of controlling industrial complexes.

Topics:

1. Application of large systems theory to various industrial complexes

2. Application of the theories of decentralised and hierarchical control to industrial complexes.
3. Safety and reliability in the design and operation of industrial systems.
4. Social hierarchies, mathematical organisational theory
5. Man–machine interaction and communication in natural language in the operation of industrial complexes and application of machine intelligence techniques for the advanced automation of industrial complexes.

Time schedule:

Submission of abstracts	15 February 1977
Acceptance	31 March 1977
Registration	1 July 1977
Workshop	6–8 September 1977

Papers:

Extended abstracts (500–1000 words) are invited in any of the areas listed. Papers will be accepted from the abstracts.

First announcement and call for papers and all correspondence regarding the Workshop write to:

> M. G. Singh, L.A.A.S. – C.N.R.S.
> 7, avenue du Colonel-Roche
> 31400 Toulouse, France

7th Triennial World Congress (Helsinki, Finland. 12–16 June 1978)

Second announcement and call for papers available from:

> IFAC National Members/ORGANIZATIONS

or from

> IFAC 78 Secretariat
> POB 192
> 00101 Helsinki 10
> Finland
>
> Telex 12–1845 ahaka sf

Besides the listed sessions in the above mentioned announcement papers are invited also in the following areas

1. Applications of microprocessors in process control
2. Environmental systems
3. Advanced process computer applications (as computer aided design of control systems, adaptive control and optimization).