The Organizers also wish to give industrial users and suppliers an opportunity to present lectures, poster sessions and exhibits on the topics of the Conference at concurrent industrial sessions.

Papers
Proposals for both scientific and industrial type papers are invited from users, suppliers and research workers in the areas indicated.

Preprints and Proceedings
Preprints of the scientific papers and abstracts of the industrial presentations will be available to attendees at the time of the conference. A bound proceedings will be published after the conference with scientific papers published in their entirety and two page abstracts of industrial papers.

Registration
Registration fees will be as follows:
- $120 full conference if registered by December 1, 1978
- $140 full conference (after 12-1-78)
  ½ for educators

Call for papers available from
Society of Manufacturing Engineers
20501 Ford Road – P.O. Box 930
Dearborn, Michigan 48128 USA
Attention: Peter L. Blake
Technical Activities Department


Edited by H. R. Van Nauta and H. B. Verbruggen
1977 780 pages
Price: US$ 81.75 (Dfl. 200.00)

This conference was one of the most important subjects in the field of applied control engineering. Its aim was to determine the present status of digital computer applications to process control in different industries. Special attention was given to the application of modern control concepts to practical problems.
These proceedings contain 7 invited survey papers by leading authorities. Ten case studies presented by invited lectures are included, dealing with actual examples of digital control in current applications such as steel plant, power station, hot strip mill, in several chemical processes and in traffic control.

From some 200 additional abstracts submitted, the 75 best technical papers were selected for publication. Of these, 41 deal with applications, and 34 with methods. The latter include discussions on control methods, hardware and software, and general features such as control algorithms, optimization and adaptation, modelling and identification, interfacing, standardization, performance and ergonomics.


The above triennial congress is supported by many international bodies concerned with Management, Labour, the Sciences, Computers, Cybernetics, General Systems, and Technology.

The 1978 event follows the Third Congress held in 1975 in Bucharest, Romania that attracted over 1200 experts from 38 countries.

**Agenda**
The Congress will comprise three symposia, seven sections, an Open Forum, various special meetings, and formal presentation of the Norbert Wiener Awards.

**Three Half-day Symposia:**  
“Social Systems” “Computer Privacy” “Robots”

**Seven Section Meetings:**  
Artificial Intelligence  
Cybernetics of Economic Systems and Management  
Industrial Cybernetics, including automation  
Informatics and Education  
Neuro and Bio-Cybernetics  
Social Systems  
Systems and Models, including environmental problems

**Further Information**
Application form from  
Dr. J. Rose (W.O.G.S.C.)  
e/o College of Technology  
Felden Street, Blackburn BB2 1LH  
Lancashire, England  
Telephone: 0254-64321


The papers cover theoretical and/or practical aspects of simulation of control systems, no matter which tool is to be used: digital, analog or hybrid computers or microprocessor.

All correspondence should be addressed to:  
Univ. Prof. Dr. Inge Troch  
Inst. f. Techn. Mathematik  
Gusshausstrasse 27–29  
A 1040 Wien, Austria.

**Simulation, Modelling and Decision in Energy Systems** (Montreal, Canada, June 1–2, 1978).

**Sponsored by:**  
The International Association of Science and Technology for Development (IASTED).

The meeting covers simulation, modelling and decision in the broad area of energy systems including electrical, oil and gas, nuclear, coal, solar, hydrogen, wind, water and tidal systems. The topics covered include methodology, identification, forecasting, economics, environmental impact, protection, selection, exploration, generation, production, distribution, transportation, storage, management, control, optimization, conservation, marketing, financing and applications.

**Further information from**
Dr. M. B. Carver  
Atomic Energy of Canada  
Chalk River, Ontario  
Canada KOJ 1JO

**The 8th IFORS International Conference on Operational Research** (Toronto, Canada, June 19–23, 1978).

The triennial IFORS conference presents an opportunity for people from all parts of the world to meet in congenial surroundings and exchange ideas and experiences. It provides a forum where operational research solutions to problems of national and international importance pertaining to both government and industry can be discussed. The conference, particularly the workshops, can be a vehicle for opening new horizons to operational research problem solving.

Further enquiries about the conference can be made to:  
Philip Baldwin  
Registrations Coordinator  
2521 Avongate Drive  
Mississauga, Ontario  
L5C 2X4  
Canada