

## News

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## **Modelling the Innovation: Communications, Automation and Information Systems**

Under this title an international conference sponsored by IFIP TC-7 Technical Committee and organized by Fondazione Ugo Bordoni took place in Rome, Italy, on March 21–23, 1990. The aim of the conference was to bring together experts from different research areas covering all aspects of modelling the innovation in theory and applications, and to promote the exchange of knowledge and experience among researchers working in this multidisciplinary field. Conference gave a stimulus to all participants to discuss and exchange new ideas on recent developments and achievements in particular areas, offered an excellent information platform on problems which have to be analysed and investigated in the future, and provided an opportunity to establish and maintain contacts within scientists of close professional orientation.

Nearly 100 contributed papers and 6 invited papers were scheduled for the final program. This time only several presentation had to be canceled because of not attending authors. The Conference topics included all aspects of modelling the innovation in communications (telecommunication networks, systems and services), automation (flexible manufacturing, robotics), information systems (special purpose computing, artificial intelligence, information processing) together with background (identification, estimation, optimization) and applications (innovate effects on industry and service networks).

Invited lectures focused on Epistemology in Modelling, Connectionless and Connection oriented Communication, Modelling and Control of Large Space Structures, Production Planning Modelling of Flexible Manufacturing Systems, Performance Evaluation of Discrete Event Dynamic Systems, and Applications of Combinatorial Optimization in Design, Layout and Production of Computers. Contributed papers were presented in three parallel sessions. In order to stress possible interactions, each daily program was closed by a *Sinergy Session*, where chairpersons and authors could contribute to general discussion. Altogether 220 researchers from 22 countries took part in the Conference activities.

All presentations appeared in the preprints, which will be also published by Elsevier Science Publisher B. V. during 1990. To the success of the Conference contributed also professional organization and generous support of Ugo Bordoni Foundation. All participants will remember social dinner, which took part in the historical rooms of Palazzo del Drago, and other unique opportunities not only to discuss scientific topics, but also to get acquainted with numerous historical monuments of Rome.

*Jaroslav Doležal*

*Call for papers*

## **Third Symposium on Mathematical Fundamentals of Data Base and Knowledge Base Systems**

**Göhren, GDR, May 5—10, 1991**

Papers presenting original research in theory and applications are sought. Some suggested but not exclusive topics are: data base and knowledge base systems, logical, algebraic and combinatorial fundamentals of data base theory and design, theory of knowledge bases, object-oriented data bases and object-oriented modelling, fundamentals of query languages, transaction

processing, distributed databases, concurrency control, access strategies, recovery, security, privacy, safety, fundamentals of integrity constraints and consistency in data bases and knowledge bases, models for data base and knowledge base machines, models for user interfaces, design and implementation of non-standard data bases and knowledge bases.

Authors are invited to submit five copies of a detailed abstract (more than 4 pages) or full draft paper (15 double-spaced typed pages maximum) by October 25, 1990 to one of the Program Committee Chairs:

János Demetrovics, Computer and Automation Institute of HAS, H-1502 Budapest, P. O. B. 63, Hungary

Bernhard Thalheim, Rostock University, Computer Science Dept., DDR - 2500 Rostock, A. Einstein-Str. 21, GDR.

Authors will be notified of acceptance or rejection by December 20, 1990. The accepted papers will be due to February 10, 1991. Instructions about the final version will be sent with the notification of acceptance. Proceedings will be distributed at the conference.

*Antonín Říha*