

## News

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**IMYCS '86**

The fourth International Meeting of Young Computer Scientists (IMYCS '86) was held at Smolenice Castle, Czechoslovakia, from October 13 to October 17, 1986. The conference was organized by the Association of Slovak Mathematicians and Physicists of Slovak Academy of Sciences in cooperation with the Comenius University, Bratislava, and the Hungarian Academy of Sciences.

The aim of the meeting was traditionally devoted to the beginners in computer science, particularly to the university students in the final year of their study or graduate students. For the first time, the program committee has decided to award the best student's contribution by the IMYCS Award. The students of Comenius University — A. Bebják and I. Štefánková have obtained the IMYCS '86 Award for their results in automata theory.

The scientific contents of IMYCS '86 was devoted mainly to the formal language theory. The further areas of computer science covered were the design and analysis of algorithms, complexity and automata theory, data structures, logic of programming, VLSI theory and artificial intelligence.

Since the meeting was mainly devoted to the students the recognizable accent was put on the tutorial lecture and the invited lectures. A very interesting tutorial lecture "Trends in *L*-systems" (3 times 60 min.) was presented by A. Lindenmayer (Utrecht). Seven invited lectures (four in formal language theory: H. C. M. Klein, Leiden; Ch. Paun, Bucharest; J. Karhumaeki, Turku; J. Sakarovitch, Paris; one in logic programming: P. Szeredi, Budapest; two in complexity theory: F. N. Springsteel, Columbia; J. Hromkovič, Bratislava) mediated interesting overviews and/or deep, new results and ideas in the areas mentioned above. The scientific program included 22 short communications selected by the international program committee from a total of 50 submitted papers of young computer scientists, and an informal discussion on complexity moderated by F. N. Springsteel.

IMYCS '86 fulfilled its aim — to help to the young computer scientists in their basic orientation, and to motivate their further research. The very important fact is that the scientific level of this young conference was much higher than in the previous years. I hope that this trend will be conserved in the following series of the meeting.

*Juraj Hromkovič*

*Announcement***Seventh International Congress of Cybernetics and Systems**

This triennial conference will now be held in London, U. K., on September 7–11, 1987, under the aegis of the World Organisation of General Systems and Cybernetics (W.O.G.S.C.). The Congress is supported by many international bodies concerned with management, labour, computers, systems, cybernetics, technology and the sciences. The Honorary Congress Committee consists of Nobel Prize-winners and other eminent scientists of world repute.

The Seventh Congress will comprise opening and closing sessions, as well as symposia and sections. Provision is also being made for poster sessions, book exhibition, various equipment demonstrations, banquet and social events. Papers are invited for the various section meeting.

The topics involve the following domains:

- Artificial and Machine Intelligence (including expert systems and computer chess)
- Automation (including CAD/CAM, FMS, CIM, Robotics)
- Behavioural Sciences
- Biocybernetics
- Brain and Computing devices
- Computer Languages
- Cybernetics and Art
- Cybernetics and International Relations (including study of conflict)
- Cybernetics and Natural Sciences
- Economic Cybernetics
- Education and Cybernetics
- Environmental Cybernetics and Ecosystems

- Fuzzy Systems
  - Information Technology (including data security, development trends)
  - Management Cybernetics
  - Meaning and Philosophy of Cybernetics
  - Medical and Neuro-cybernetics
  - Optical and Electronic Computers (including parallel processing)
  - Social Cybernetics
  - Software Engineering
- Please address inquiries to:  
 Professor J. Rose (Seventh Congress)  
 5 Margate Road  
 Lytham St. Annes  
 FY 8 3 EG, Lancs., England.

*Karel Sladky*

*Preliminary announcement*

### **The Fourth Prague Symposium on Asymptotic Statistics**

The fourth in a series of symposia organized in five years' intervals by the Department of Probability and Mathematical Statistics of the

Charles University will be held in Prague from August 29 to September 2, 1988, in the week following the European Meeting of Statisticians in Berlin. The Bernoulli Society and the Federal Statistical Office of Czechoslovakia are sponsors of the Symposium.

On the program there will be reviews of recent theoretical developments, the applications of asymptotic results in statistical problems of the disciplines like the theory of random processes and stochastic control theory as well as the interconnections between the asymptotic and the computational statistics. It is planned to have several longer lectures and a larger number of short contributed papers.

Those interested to obtain information about the Symposium are advised to contact the Scientific Secretary

Dr. Jaromir Antoch, Department of Probability and Mathematical Statistics, Charles University, Sokolovská 83, 186 00 Praha 8, Czechoslovakia.

*Jaromir Antoch*

## **STUDIA LOGICA**

An international quarterly for symbolic logic

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- A. W. Jankowski, Retracts of the closure space of filters in the lattice of all subsets
  - A. W. Jankowski, Some modifications of Scott's Theorem on injective spaces
  - B. Tembrowski, Q-ultrafilters and normal ultrafilters in B-algebras
  - D. van Dalen, Glueing of analysis models in an intuitionistic setting
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