CALLS FOR PAPERS

9th INTERNATIONAL COLLOQUIUM ON AUTOMATA, LANGUAGES AND PROGRAMMING

July 12–16, 1982, Aarhus, Denmark

The 9th annual ICALP meeting of the European Association for Theoretical Computer Science (EATCS) will be organized by Aarhus University, Aarhus, Denmark. Papers presenting original contributions in any area of theoretical computer science are being sought.

Topics. Automata theory, formal language theory, analysis of algorithms, computational complexity, computability theory, mathematical aspects of programming language definition, logic and semantics of programming languages, program specification, theory of data structures, theory of data bases. This is not meant to be an exclusive list.

Papers. Authors are invited to submit six copies of an extended abstract or full draft paper before November 16, 1981 to the Chairman of the Program Committee

Erik Meineche Schmidt
Computer Science Department
Aarhus University
Ny Munkegade
DK-8000 Aarhus C
Denmark

Authors will be notified of acceptance/rejection by February 8, 1982. Final papers are due April 1, 1982.

Program Committee
J.W. de Bakker (Amsterdam); D. Bjørner (Copenhagen); A. Blikle (Warsaw); J. Engelfriet (Enschede); S. Even (Haifa); H.J. Genrich (Bonn); I.M. Havel (Prague); B.H. Mayoh (Aarhus); K. Mehlhorn (Saarbrucken); A. Meyer (Cambridge, USA); R. Milner (Edinburgh); U. Montanari (Pisa); M. Nivat (Paris); M. Paterson (Warwick); A. Salomaa (Turku); E.M. Schmidt (Aarhus); J.W. Thatcher (Yorktown Heights).

Organizing Committee
Peter Mosses, Karen Møller (secretary), Mogens Nielsen (chairman) and Erik Meineche Schmidt.
Further information
ICALP 82 will be held in the Mathematics Institute of Aarhus University, situated on an attractive campus close to the centre of Aarhus. Accommodation will be arranged in nearby hotels. Aarhus is a pleasant coastal city with good shopping facilities, a fishing harbour, and easy access to beaches and woods. Further details about the conference (and the final program) will be sent automatically to anyone submitting a paper. Others should write early 1982 to:

ICALP 82, Computer Science Department
Aarhus University
Ny Munkegade
DK-8000 Aarhus C, Denmark

or wait for announcements of the final program.

5TH INTERNATIONAL SYMPOSIUM ON PROGRAMMING

April 6–8, 1982, Torino, Italy

The Istituto di Scienze dell’Informazione organizes, under the sponsorship of the Consiglio Nazionale Delle Ricerche (CNR), the 5th International Symposium on Programming.

Thirty minutes presentations are expected on the theme:

Theory and Practice of Programming

The main areas are:
- **Concepts**: parallelism, synchronization, control, non-determinism, data types, interpretations.
- **Methods**: validation, transformation, optimization, construction, synthesis.
- **Tools**: specification, computation rules, systems for program manipulation and optimization, language design, semantic verification.
- **Aims**: correctness, reliability, efficiency.

The list of topics is not intended to be exhaustive.

Programme Committee

J. Arsac, Université P. et M. Curie, Paris; G. Ausiello, Università di Roma; M. Dezani, Università di Torino; P. Henderson, Oxford University; C. Girault, Università P. et M. Curie, Paris; D. Gries, Cornell University, Ithaca (NY); A. Martelli, Università di Torino; U. Montanari (chairman), Università di Pisa; M. Nivat, Université Paris 7, Paris; M. Paul, Technische Universität, Munich; B. Robinet, Université P. et M. Curie, Paris; M. Sintzoff, Philips Research Laboratory, Bruxelles.
Organizing Committee


Authors are invited to submit 5 copies of one abstract (1 page) and of a first draft of their intended papers (about 12 pages) before October 15, 1981 to:

S. Ronchi della Rocca
Istituto di Scienze dell’Informazione
C. M. D’Azeglio 42-10125 Torino
Tel. (011) 655307/655297

They will be notified of acceptance or rejection by January 7, 1982. For inclusion in the Symposium Proceedings, final versions of the accepted papers must be received at the above address before February 15, 1982.

A complete programme shall be available by February 15, 1982.