

1977 ACM SYMPOSIUM ON  
THEORY OF COMPUTING  
CALL FOR PAPERS

The Ninth Annual ACM Symposium on Theory of Computing, sponsored by the ACM Special Interest Group for Automata and Computability Theory, will be held in Boulder, Colorado, May 2-4, 1977. Papers describing original research in the formal analysis of computing problems are being sought.

Typical, but not exclusive, topics of interest include: analysis of algorithms, automata and formal languages, computational complexity, formal semantics, mathematical aspects of programming languages, mathematics of computation, program verification, theoretical studies of computer systems and theorem proving.

Authors are requested to send seven copies of detailed abstracts (not full papers) by December 1, 1976 to the Program Chairman:

Professor John Hopcroft  
Department of Computer Science  
Cornell University  
420 Upson Hall  
Ithaca, New York 14853

The abstract must provide sufficient detail to allow the program committee to apply uniform criteria for acceptance, and should include appropriate references and comparisons with extant work. A total of five to ten typewritten pages is suggested.

In order to make paper selection as unbiased as possible, the author's name and affiliation should appear only on a cover sheet attached to one copy of the abstract. This information will not be made available to any member of the program committee except the chairman.

The program committee is experimenting with a change in format of the symposium. We are requiring authors to specify on the submittal sheet whether they desire to give a short (10-15 minutes) or a regular presentation (20-30 minutes). The length of presentation requested will not be changed by the program committee nor will it play a significant role in paper selection. It is hoped, however, that allowing short presentations will enable the committee to choose a broader and richer selection of papers for presentation, thereby enriching the symposium both for authors and attendees. All papers accepted will be given an equal page allocation in the proceedings. The proceedings will not indicate length of presentation.

Authors will be notified of acceptance or rejection by January 10, 1977. For inclusion in the Symposium Proceedings, a copy of each accepted paper, typed on special forms, will be due at the above address by February 21, 1977.

The Program Committee consists of S. A. Cook, J. E. Hopcroft, S. C. Johnson, R. M. Karp, R. J. Lipton, R. E. Miller and T. G. Szymanski.

The Local Arrangements Chairman is

Professor Harold Gabow  
Department of Computer Science  
University of Colorado  
Boulder, Colorado 80302

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THIRD GI CONFERENCE ON  
THEORETICAL COMPUTER SCIENCE

The third Conference on Theoretical Computer Science will take place from March 28 to 30, 1977, at Technische Hochschule Darmstadt. It is being organized by the Technical Committee I for Automata Theory and Formal Languages of the Gesellschaft für Informatik.

Presentations are to be 20-40 minutes in duration, including discussion. They should concern the foundations of Computer Science, especially in the following areas:

- Automata and models of processes
- Formal Languages and Formal Systems
- Theory of Computational Complexity
- Design and Analysis of Algorithms
- Theory of Programming

Deadline for submission of extended abstracts (about 1000 words) is October 30, 1976. Notification of acceptance or rejection will be mailed by December 15, 1976. Conference languages are German, English and French.

The Program Committee consists of J. Berstel (Paris), K.-H. Böhling (Bonn), W. Brauer (Hamburg), E. Engeler (Zürich), G. Hotz (Saarbrücken), and C.-P. Schnorr (Frankfurt).

Further information is available from the organizers, H. Tzschach, H. Waldschmidt, and H. Walter, 3. GI-Fachtagung Theoretische Informatik, Fachbereich Informatik, TH Darmstadt, Magdalenenstr. 11, D-6100 Darmstadt, W. Germany.