



## CALL FOR PAPERS

### 16th ACM Symposium on Theory of Computing

*The 16th Annual ACM Symposium on Theory of Computing, sponsored by the ACM Special Interest Group on Automata and Computability Theory (SIGACT), will be held April 30 through May 2, 1984 in Washington, DC. Papers presenting original research on theoretical aspects of computer science are sought.*

*Typical, but not exclusive, topics of interest include the following: algorithms and data structures, computability and complexity theory, database theory, theory of distributed and parallel systems, formal languages and automata theory, theory of logical design and VLSI, models of computation, and semantics of programming languages.*

**Authors should send 9 copies of a detailed abstract (not a full paper) by November 28, 1983 to the program chairman:**

**Professor Richard A. DeMillo  
School of Information and Computer Science  
Georgia Institute of Technology  
Atlanta, GA 30332**

*Authors will be notified of acceptance or rejection by January 13, 1984. A copy of each accepted paper, typed on special forms for inclusion in the Proceedings, will be due by February 28, 1984.*

#### **IMPORTANT**

*Because a large number of submissions is expected, authors are advised to prepare abstracts carefully. It is recommended that each submission begin with a succinct statement of the problem and a statement of the main results that is suitable for a general research audience. Technical development directed to specialists may follow as appropriate. The entire abstract should not exceed 2500 words (10 double spaced typed pages). Submissions departing significantly from these guidelines may receive less careful consideration.*

*The format of the meeting, including time allocations for presentations, will be determined by the program committee. If submissions warrant, the committee will compose a program of parallel sessions. **This could result in a 25-30% increase in the number of accepted papers.***

**Program Committee:** Richard DeMillo, Chairman  
Merrick Furt Dana Scott  
Deborah Joseph Eli Shamir  
Andrea LaPaugh Janos Simon  
Richard Lipton Michael Sipser

**Local Arrangements Co-chairmen:**  
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Department of Computer Science  
University of Maryland

John Cherniavsky  
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