SCOPE

The scope of this conference encompasses the technical aspects of specifying, designing, implementing, and evaluating distributed computing systems. In such systems, there is a multiplicity of interconnected processing resources able to cooperate under system-wide control on a single problem with minimal reliance on centralized procedures, data, or hardware. The location of computing resources may span the spectrum from physical adjacency to geographical dispersion. The topics of interest include the following aspects of distributed computing systems:

- **DECENTRALIZED CONTROL, EXECUTIVES, AND OPERATING SYSTEMS**
- **SOFTWARE ENGINEERING AND PROGRAMMING LANGUAGES**
- **LOGICAL AND PHYSICAL INTERCONNECTION AND COMMUNICATION**
- **SPECIFICATION, VERIFICATION, AND VALIDATION**
- **RELIABILITY AND FAULT TOLERANCE**
- **DESIGN METHODOLOGY**
- **SYSTEM AND HARDWARE ARCHITECTURE**
- **ANALYSIS, MODELING, AND MEASUREMENT**
- **DISTRIBUTED DATA BASES**
- **CASE STUDIES**
- **ANALYSIS, MODELING, AND MEASUREMENT**

PAPER SUBMISSION REQUIREMENTS

Six copies of the double-spaced manuscript should be submitted to the Program Chairman by April 15, 1979. Each paper must include an abstract and also be accompanied by a one-page statement of the nature and significance of the paper's contributions. Authors will be notified by June 30, 1979.

TUTORIALS

In addition to papers, proposals for one-day tutorials are solicited in any of the above areas. Such proposals should be submitted to the Tutorial Chairman by February 1, 1979.

OUTSTANDING PAPER AWARDS

The Conference Steering Committee will select for awards the two most outstanding papers presented at the conference. All outstanding papers will be considered for publication in the journals of the IEEE Computer Society.

ADMINISTERED BY

Auburn University
Engineering Extension Service
Auburn, Alabama

CONFERENCE LOCATION

Von Braun Civic Center
Huntsville, Alabama USA

GENERAL CHAIRMAN

Charles R. Vick
Ballistic Missile Defense Advanced Technology Center
Data Processing Directorate
P.O. Box 1500
Huntsville, Alabama 35807
(205) 895-4175

B.D. Carroll
Electrical Engineering
Auburn University
Auburn, Alabama 36830
(205) 823-4330

E. Douglas Jensen
Department of Computer Science
Carnegie-Mellon University
Pittsburgh, Pennsylvania 15213
(412) 578-2565

TUTORIAL CHAIRMAN

C. V. Ramamoorthy
Department of Electrical Engineering and Computer Science
University of California
Berkeley, California 94720
(415) 642-4751

INTERNATIONAL COORDINATION CHAIRMAN

Hideo Aiso (Japan) Keio University
Raymond T. Yeh (USA) University of Texas

PROGRAM COMMITTEE

Hideo Aiso, Keio University
Philip Bernstein, Harvard University
Wesley W. Chu, UCLA
Philip H. Enslow, Georgia Institute of Technology
Erol Gelenbe, IRISA
Jack Goldberg, SRI
F. R. A. Hopgood, UK Science Research Council
Hisashi Kobeyashi, IBM Research Center
Gerard Le Lann, IRISA
Sam Fuller, Digital Equipment Corporation
Robert W. Lucky, Bell Telephone Laboratories
Eric Manning, University of Waterloo
John McQuillan, Bolt Beranek and Newman
Joe Sclaf, US Army
Daniel P. Siewiorek, Carnegie-Mellon University
Yale Smith, US Air Force
John Machado, US Navy
Robert Thomas, Bolt Beranek and Newman
Herbert Weber, HMI Germany
William Wulf, Carnegie-Mellon University
Raymond T. Yeh, University of Texas at Austin