SCOPE

The scope of this conference encompasses those technical aspects of specifying, designing, implementing, and evaluating distributed computing systems in which there is a multiplicity of interconnected processing systems 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 will include the following aspects of distributed computing systems:

- Decentralized control, executives and operating systems, parallelism expression, logical and physical interconnection and local area networks.
- System and fault tolerance, system and hardware architecture, parallel architectures.
- Distributed data bases, software engineering, design and programming languages, consistency of distributed systems, analysis, modeling, measurement and validation.
- Case studies.

PAPER SUBMISSION REQUIREMENTS

Authors are invited to submit unpublished original papers reflecting their most recent work to the general chairman. Full papers (maximum 40 pages double-space typed) should be submitted in 6 copies. The first page should include the title of the paper, the full name of the author(s), affiliation, address, telephone and telex numbers, and an abstract (200 words maximum). All submitted papers will be reviewed by the Program Committee with the help of experts. Oral presentation by the author will be on the order of 20 minutes. The symposium organization will hold the copyright of accepted papers which will be published in the symposium proceedings.

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 (J. Le Bihan - Projet Pilote SIRIUS - Domaine de Volucaeu, 78150 Rocquencourt, France) by December 1, 1980.

This meeting is co-organized by the Institut National de Recherche en Informatique et en Automatique (INRIA) and the Laboratoire de Recherche en Informatique (LRI), Paris-Sud Universite, Orsay. This Conference is a follow-up to the previous ones organized in Toulouse, February 14-16, 1979, and Huntsville (Alabama) October 1-4, 1979.