Call for Papers

Fifth Symposium on Reliability in Distributed Software and Database Systems

January 13-16, 1986—Los Angeles, California

SPONSOR—IEEE Computer Society

Technical Committee on Distributed Processing and
Technical Committee on Fault-Tolerant Computing

The theme of this symposium is reliability in distributed systems, including distributed applications, distributed operating systems, and distributed databases.

Papers that address increased availability in error-prone environments, as well as security, are especially sought. Papers covering performance studies of reliability techniques and experiences with error-prone environments are of special interest.

A tutorial on the theme of this symposium is planned for Monday, January 13, 1986.

TOPICS OF INTEREST

- Reliable Distributed Software Systems
  - Communication primitives for reliable distributed computing
  - Techniques for non-stop operations
  - Decentralized control
  - Software fault tolerance including error confinement, graceful degradation, and system reconfiguration and restart
  - Distributed operating systems
  - Performance studies of reliability techniques
  - Security in distributed applications

- Reliable Database Systems
  - Integrity and consistency
  - Robust concurrency control
  - Fault tolerant distributed databases
  - Experiences with testbeds and real-world distributed databases
  - Performance studies of reliability techniques
  - Security in databases

WHERE TO SUBMIT PAPERS

Please submit five copies (in English) of your double-spaced, typed manuscript to:

Dr. R. Rutledge
Transportation Systems Center
Kendall Square
Cambridge, MA 02142
(617) 494-2768

IMPORTANT DATES

Submission Deadline: July 1, 1985
Acceptance Notification: October 10, 1985
Final Version Due: November 15, 1985
Tutorial: January 13, 1986
Symposium: January 14-16, 1986

PUBLICATION

The symposium proceedings will be published by the IEEE Computer Society. Authors of all accepted papers will be expected to sign a copyright release form.

Selected papers of exceptional interest and merit will be considered for publication in IEEE Transactions on Software Engineering.

ORGANIZERS

Symposium Chairman: Herbert Hecht, SoHaR, Inc.
Administrative Chairman: Raif Yanney, TRW

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INFORMATION

Registration, Proceedings and Other Information:

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