The theme of this symposium is the continuity of operations in real-time processing systems. We hope to identify and discuss techniques that will increase the availability of distributed software and database systems in error-prone processing environments. Performance of such techniques and/or experience with them is especially sought. The symposium will include formal papers as well as group discussions.

A tutorial dealing with distributed database systems is being organized for Monday, the day before the symposium.

**TOPICS OF INTEREST**
- Database Integrity and Consistency in Distributed Systems
- Robust Concurrency Control
- Fault-Tolerant distributed database and software systems
- Communication Primitives (Languages) for reliable distributed computing
- Design and Implementation of reliable multi-process systems
- Software and Data Structures for error confinement and bypass, graceful degradation and system reconfiguration, recovery and restart
- Techniques for non-stop operations in applications such as Air Traffic Control, Airborne systems, Nuclear Plant Software, Defense, Medicine

**WHERE TO SUBMIT PAPERS**
The program will consist of submitted and invited papers. Areas not adequately covered by papers will be the basis for group/panel discussions. Long papers (not more than 6,000 words), short papers (not more than 3,000 words), and suggestions for group discussion are invited. All papers will be reviewed by the program committee. Please submit FIVE copies of all contributions to the symposium chairperson:

Professor Gio Wiederhold
Computer Science Department
Stanford University
Stanford, CA 94305
(415) 497-0685

**IMPORTANT DATES**
- Submission Deadline: February 15, 1982
- Acceptance Notification: April 25, 1982
- Final Version Due: June 1, 1982
- Tutorial: July 19, 1982
- Symposium: July 20-21, 1982

**PUBLICATION**
The papers accepted for the symposium will be published by the IEEE Computer Society in a Symposium proceedings which will be distributed to all registrants of the symposium.
- Selected papers of exceptional interest and merit will be considered for publication in IEEE Transactions on Software Engineering

**Program Committee**
- Gio Wiederhold, Stanford University (Program Chairperson)
- Paul Decitre, Honeywell-CII, France (University of Grenoble)
- Herb Hecht, Sohar, Inc., Los Angeles
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- R.E. Sterns, SUNY, Alabama
- Mike Stonebraker, University of California, Berkeley
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**Symposium Chairperson:**
Bharat Bhargava, University of Pittsburgh

**Tutorial Chairperson:**
M.T. Liu, Ohio State Univ.

**Treasurer:**
Prem Prakash, University of Pittsburgh

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