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.

**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 multiprocess systems
- Software and Data Structures for error confinement and bypass, graceful degradation and system reconfiguration, reconfiguration, recovery and restart
- Techniques for non-stop operations in applications such as Air Traffic Control, Airborne systems, Nuclear Plant Software, Defense, Medicine

and suggestions for group discussion are invited. All papers will be reviewed by the program committee. Please submit all contributions to the symposium chairperson:

**IMPORTANT DATES**

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tr>
<td>Submission Deadline</td>
<td>February 15, 1981</td>
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<tr>
<td>Acceptance Notification</td>
<td>April 25, 1981</td>
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<td>Final Version Due</td>
<td>June 1, 1981</td>
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<tr>
<td>Symposium</td>
<td>July 21-22, 1981</td>
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</table>

**PUBLICATION**

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**

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Hector Garcia-Molina, Princeton Univ.
Herbert Hecht, Sohar, Inc., Los Angeles
K.H. Kim, Univ. of South Florida
Leslie Lamport, SRI International
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Michael Stonebraker, Univ. of CA, Berkeley
Gio Wiederhold, Stanford Univ.
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& On-Line Systems