

Concepts in Design of Computer-Oriented Systems

October 19-20, 1972
Illinois Institute of Technology, Chicago

About the conference:
This conference is tutorial in nature, focusing on a topic that is rarely covered in-depth and which is of substantial interest to programmers and engineers. The first day of the conference consists of five presentations of computer-oriented systems, emphasizing factors affecting design decisions, and with special emphasis upon disciplines common to all five systems. The second day will present these disciplines in more classical format.

The mixture of case studies of real systems, illuminating the application of these disciplines, with classical discipline presentation is intended to strengthen the tutorial content of the conference. Both the novice who is shifting his professional activities into this field and the experienced practitioner, interested in current state-of-the-art developments, should find the conference rewarding.

Sponsorship:
The tutorial conference Concepts in Design of Computer-Oriented Systems is sponsored by the IEEE Computer Society and is hosted by the Department of Computer Science at the Illinois Institute of Technology.

Headquarters:
All sessions of the conference will be held at Hermann Hall on the campus of the Illinois Institute of Technology.

Transportation:
The campus of the Illinois Institute of Technology is located a few miles south of Chicago’s Loop and is readily accessible by public or private transportation.

Parking:
Free parking for visitors is provided on the campus.

Housing:
Registrants requiring hotel accommodations should arrange for them in advance of the conference. It is suggested that these arrangements be made with any hotel in the Chicago Loop area.

Registration information:

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<thead>
<tr>
<th>Category</th>
<th>Advanced Registration</th>
<th>Registration At Conference</th>
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<tbody>
<tr>
<td>IEEE or Computer Society Members</td>
<td>$40.00</td>
<td>$50.00</td>
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<tr>
<td>Full-Time Students</td>
<td>$20.00</td>
<td>$25.00</td>
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<tr>
<td>Non-Members</td>
<td>$60.00</td>
<td>$70.00</td>
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The registration fee includes the cost of two luncheons, admission to the Social Hour and Banquet, Thursday evening, October 19, and one copy of the conference digest.

For advance registration, please make check payable in U.S. funds to Concepts in Design of Computer-Oriented Systems. Advance registration must be made by October 9, 1972. Send check and information, i.e., name, company, address, city, state, zip, to: Dr. Raymond Voith, “Concepts in Design of Computer-Oriented Systems”, Bell Telephone Laboratories, Naperville, Illinois 60540

Conference digest:
Copies of the digest may be purchased at a price of $5.00 per copy prepaid for IEEE or Computer Society members or full-time students, and $10.00 per copy prepaid for non-members. This can be done at the conference or by writing to: IEEE Computer Society, Publications Office, 8949 Reseda Blvd., Suite 202, Northridge, California 91324.

Technical program:

Thursday, October 19

2 ESS: P.C. Richards, Bell Lab.
Dependability in Stored Program Switching Systems: J. Reines, ITT Telecommunications
On Adding a Computer to a Real-Time Complex: J.L. Raney, NASA Manned Space-Flight Center

Friday, October 20

Engineering Decision Analysis: C.F. Fey, Xerox Corp.
Simulation in Digital Systems: S.G. Wasilew, Bell Lab.
New Techniques of Logic Design: D.L. Dietmeyer, Univ. of Wisconsin
Reliability and Diagnosis of Digital Systems: A.D. Friedman, Univ. of Southern California
Integrated Circuits for Computer Applications: B.T. Murphy, Bell Lab.

Conference Committee:

General Chairman: Robert G. Tobey, Department of Computer Science, Illinois Institute of Technology
Program Chairman: Bruce E. Briley, Bell Telephone Laboratories
Program Committee: Victor Hachenburg (Chairman of the subcommittee on telephony), Bell Telephone Laboratories; R.A. Aschenbrenner, UNI-COLL Corp; John Gabriel, Argonne Nat'l. Lab; Arthur D. Friedman, University of Southern California; B.W. Jordan, Northwestern University
Vice-Chairman: Anthony S. Wojcik, Department of Computer Science, Illinois Institute of Technology
Treasurer: Raymond P. Voith, Bell Telephone Laboratories