The 7th International Conference on
Distributed Computing Systems

BERLIN (West), Germany,
21 - 25th September 1987
International Congress Center
Berlin

Preliminary Program

The Conference
The 7th ICDCS is dedicated to various aspects of distributed computing systems, one of the most challenging domains of computer science. The conference is a milestone for reviewing the state of the art at an international level and outlining future technical developments in distributed systems.

The 7th ICDCS will take place under the auspices of the Governing Mayor. The Senate of Berlin (West) will hold a reception in the famous Reichstag building. Historic Berlin, celebrating its 750th anniversary, will offer an exciting environment for further activities (festivals, exhibitions, entertainment).

Conference Program

Wednesday, Sept 23 – Friday, Sept 25:
The 7th ICDCS will embrace the theory, design and implementation of distributed systems. General sessions will include:
- Distributed computer architectures
- Parallel processing
- Concurrency control
- Distributed algorithms
- Distributed operating systems
- Control techniques for distributed systems
- Applications
- Languages and programming support
- Specification, verification and certification
- Security in distributed systems
- Resource allocation and scheduling
- Fault tolerance
- Protocol design
- Distributed database systems
- Performance analysis and evaluation
- Local area networks
- Testing and debugging techniques in distributed systems

Tutorials

Full day tutorials will be offered during the first two days of the 7th ICDCS:

Monday, Sept 21:
1. Security in distributed systems
   V. Gilgor (University of Maryland, USA)
2. Highly available distributed systems
   F. Cristian (IBM, San Jose, USA)
3. MAP and TOP
   G. Workman (General Motors, Warren, USA)
4. Distributed operating systems
   A. Tripathi (University of Minnesota, USA)

Tuesday, Sept 22:
5. Real time systems and fault tolerance
   H. Kopetz (TU Wien, Austria)
6. ISDN and broadband-ISDN
   P. Kahl (FTZ Darmstadt, FRG)
7. Distributed databases
   S. Ceri (Politecnico di Milano, Italy)
8. Parallel processing networks and systems
   H. J. Siegel (Purdue University, USA)

Tutorial attendance is limited and will be allocated on a first-come, first-served basis, so please sign up as soon as possible.

Organization

The conference registration fee covers the admission to the technical sessions, one copy of the conference proceedings, refreshment, and lunches. The fee also includes admission to a banquet held at a lake side location. Tutorial registration covers the admission to the tutorial, tutorial text, refreshments, and lunch. Rooms are blocked in different hotel categories. Please make your hotel reservation as soon as possible, because in September 1987, Berlin will be a very busy place.

To participate travelling from the USA, the Travel Committee, Inc. offers special airfares on scheduled service airlines as well as hotel packages and post-conference tours. For reservation call: The Travel Committee, Inc. 1-800-638-6188 press 1 and then 4 for administration, ask for Sherry Bley, your personal travel consultant.

Post address: 110 Painters Mill Road, Owings Mills, MD 2117

Please send the registration form as soon as possible to the Conference Office HANSER SERVICE GmbH. After receipt of registration form an advance program will be mailed. It will contain detailed information about the conference schedule, the supporting program and post-conference tours.

Conference Organization

General Chairman
H. Weber (FRG)
E/A Chairman
R. Popescu-Zeletin (FRG)
E/A Program Chairman
G. Le Lan (F)
Decentralized Computer Architecture
Vice-Chair: W. D. Carroll (USA)
H. Asio (Japan), D. W. Muzel (USA), J. Lipovsky (USA), W. Gilo (FRG), J. S. Barron (F), I. M. Baron (UK)
Communication Architectures and Protocols
Vice-Chair: A. Varte (Belgium)
H. Zimmermann (F), I. Chlamacik (Israel), A. Cantoni (Australia), E. Manning (Canada), M. T. Liu (USA), W. W. Chu (USA)
Distributed Operating Systems
Vice-Chair: A. van Tilborg (USA)
L. S. Savola (E), I. Simoncini (F), J. Altaber (CH), J. T. Ellis (USA), T. Lawrence (USA), E. Lazowska (USA)
Applications
Vice-Chair: N. Nafisah (F)
S. Schindler (FRG), M. Simont (U.K.), P.M. Franca (Brazil), E. Shipley (USA), M. Malek (U.A.E.)
Distributed Database Systems
Vice-Chair: H. Garcia-Molina (USA)
G. Gardarin (F), H. J. Schneider (FRG), S. Cerron (F), P. B. Bertra (USA), S. K. Rahim (USA)
Software Engineering, Languages and Tools
Vice-Chair: M. Diaz (F)
T. Mabu (U.K.), C. Vassilis (NL), R. B. Grafton (USA), P. Lohr (FRG), T. Matsuoto (Japan), C. V. Ramamorthy (U.S.A), S. I. Yau (U.S.A)
Reliability, Fault Tolerance and Security
Vice-Chair: H. Kopetz (A)
J. C. Lauter (F), T. Anderson (U.K.), R. A. Zienkiewicz (USA), V. Gilgor (USA), H. Hecht (USA)
Modelling and Performance Evaluation
Vice-Chair: T. C. Chen (Hong Kong)
F. Kamoun (Tunisia), G. Spaniol (FRG), L. Fratta (F), D. Ferran (USA), T. L. Booth (USA)
Theory and Formalism
Vice-Chair: W. H. Koller (USA)
P. Caspi (F), W. P. de Rooer (NL), N. France (Israel), B. K. Bhargava (USA), R. Strong (USA)

Important Dates:

<table>
<thead>
<tr>
<th>Today</th>
<th>Complete and send the registration form attached</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sept 21–22, 1987</td>
<td>Tutorials</td>
</tr>
<tr>
<td>Sept 23–25, 1987</td>
<td>Conference</td>
</tr>
</tbody>
</table>

For the Advance Program and further information contact the conference organizer:
R. Popescu-Zeletin
Hahn-Meitner-Institut
Glienicker Str. 100
D-1000 Berlin 39
West Germany
Phone +49-30-8092594
Network address COMPMAIL cmp5097
Registration Form ICDCS '87

Please fill in using a typewriter or block capitals.
☒ please mark with a cross

A. Participant

( ) Mrs. ( ) Mr.

Family Name: ____________________________________________
First Name: _______________________________________________
Title: _____________________________________________________
Institute/Company: _________________________________________
Street: ____________________________________________________
Postal Code, City: __________________________________________
Country: __________________________________________________
Telephone: ______________________________ Telex: ______________

B. Registration Fees

<table>
<thead>
<tr>
<th>Conference (excluding tutorials)</th>
<th>Payment received by Aug 1, 1987</th>
<th>Payment received after Aug 1, 1987</th>
</tr>
</thead>
<tbody>
<tr>
<td>Member of IEEE and GI Membership</td>
<td>No. __________ 30</td>
<td>DM 500</td>
</tr>
<tr>
<td>Non member</td>
<td>32</td>
<td>DM 625</td>
</tr>
<tr>
<td>Student</td>
<td>34</td>
<td>DM 100</td>
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Registration fee for conference DM ____________________________

<table>
<thead>
<tr>
<th>Tutorials (additional fee per tutorial per day)</th>
<th>Payment received by Aug 1, 1987</th>
<th>Payment received after Aug 1, 1987</th>
</tr>
</thead>
<tbody>
<tr>
<td>Member of IEEE and GI Membership</td>
<td>No. __________ 35</td>
<td>x DM 350</td>
</tr>
<tr>
<td>Non member</td>
<td>37</td>
<td>x DM 450</td>
</tr>
<tr>
<td>Student</td>
<td>39</td>
<td>x DM 50</td>
</tr>
</tbody>
</table>

Registration fee for tutorials DM ____________________________

I participate in the following tutorials:

<table>
<thead>
<tr>
<th>Tutorial No.</th>
<th>Monday, Sept 21</th>
<th>Tuesday, Sept 22</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
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<tr>
<td>4</td>
<td>5</td>
<td>6</td>
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<tr>
<td>7</td>
<td>8</td>
<td></td>
</tr>
</tbody>
</table>

Subtotal registration fees DM ____________________________

C. Hotel Reservation

Deadline: Aug 1, 1987

Please make the following reservation:

Arrival: _______ Departure: _______ No. of Nights: _______

<table>
<thead>
<tr>
<th>Hotel category</th>
<th>Single room</th>
<th>Double room</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>DM 180-240</td>
<td>DM 215-290</td>
</tr>
<tr>
<td>A</td>
<td>DM 140-180</td>
<td>DM 175-215</td>
</tr>
<tr>
<td>B</td>
<td>DM 100-120</td>
<td>DM 145-175</td>
</tr>
<tr>
<td>C</td>
<td>DM 55-80</td>
<td>DM 90-120</td>
</tr>
</tbody>
</table>

The prices shown are per room for one night and include service charge and tax. In categories L, A and B all rooms have private bath/WC or shower/WC. Category C also includes hotel pensions and small hotels, where some rooms only have hot and cold running water. Breakfast is included in the price at hotels in categories A-C. In hotels of category L there is an additional charge for breakfast.

Hotel rooms will be reserved only after receipt of the hotel deposit which includes DM 10 handling charge to cover the travel agents' administrative costs.

No. of persons

Hotel deposit per person
Categories L, A 100 x DM 250

Hotel deposit per person
Categories B, C 100 x DM 130

Hotel deposit DM ____________________________

Total sum
(registration fees + hotel deposit) DM __________________

Important Note

To guarantee your reservation, a check or a copy of remittance must be included with the conference registration form.

Bank account no. 10 5003 3333, Sparkasse der Stadt Berlin West, BLZ 100 500 00,

Credit cards and personal cheques will not be accepted. Refunds of the registration fees (less DM 50 handling charge) will be made if the request is received in writing by Aug 1, 1987. No refund can be made in the event of cancellation of hotel reservation.

Date ___________________ Signature ___________________