The Third International Conference on Data Engineering

February 2-6, 1987
Pacifica Hotel
Los Angeles, California

ADVANCE PROGRAM

Sponsored by the Computer Society of the IEEE

Database Engineering is concerned with the role of data and knowledge about data in the design, development, management, and utilization of information aspects of databases, knowledge bases, and data management in general. The purpose of this conference is to continue to provide a forum for the sharing of experience, practice, and theory of automated data and knowledge management from an engineering point-of-view. The effectiveness and productivity of future information systems will depend critically on improvements in their design, organization, and management.

GENERAL SESSIONS: February 3-5, 1987
- Access Methods
- Distributed Operating Systems and Distributed Databases
- Database Design and Implementation
- Performance Evaluation
- Relationship Between Data Engineering and Software Engineering
- Architectural Support for Database Management
- Evaluating Recursive Queries
- File Structures
- Parallel Processing in Database Systems
- Object Based Systems
- Performance in Distributed Systems
- Statistical Databases
- Symbolic Processing
- Improving Concurrency in Distributed Systems
- Fault Tolerance and Correctness
- Knowledge Representations
- Resiliency in Distributed Systems
- Fault Tolerant Storage Systems
- Data Modeling
- Experiences in Data Engineering I
- Database Security Issues
- Historical Databases
- Experiences in Data Engineering II
- Engineering and Information Manufacturing Systems
- Extending the Relational Model
- CAD/CAM Systems
- Query Processing

PLENARY SESSIONS
The Adventures of a Real-World Database Machine Company, P. Neches
Uncertain Data Management, L. Zadeh
Personal Database for Personal Computers: Intelligent & Flexible Databases for Individuals, J. Kaplan
What Have We Learned?, B. Wah

TUTORIALS: February 2, 5 and 6, 1987
Monday
9:00 am-5:00 pm: Computers for Artificial Intelligence Processing, Benjamin Wah
9:00 am-5:00 pm: Real Data Engineering, Tom Gilb
9:00 am-12 noon: An Introduction To NIAM Modeling, Paul S. Thompson
9:00 am-12 noon: Reference Architecture for Distributed Database Management Systems, Saeed Rahimi
1:30 pm-4:30 pm: Distributed Database Management Principles, Saeed Rahimi
6:30 pm-9:30 pm: Automated Support Environments for Database Design, David Reiner
6:30 pm-9:30 pm: Heterogeneous Distributed Databases: Issues in Integration, Amit P. Sheth

Thursday
6:30 pm-9:30 pm: Introduction to Object Oriented Concepts: Smalltalk and Database, James Diederich and Jack Milton

Friday
9:00 am-12 noon: Logic Programming, Expert Systems and Databases, Steve Hardy
9:00 am-5:00 pm: Database Application Development Tools, S. Bing Yao

For a complete Advance Program, contact:

Data Engineering Conference
c/o Computer Society of the IEEE
1730 Massachusetts Ave., N.W.
Washington, DC 20036-1903
(202) 371-0101
**DATA ENGINEERING**

**REGISTRATION FORM**

**FEBRUARY 2-6, 1987**

Complete and return this form with your check made payable to **DATA ENGINEERING CONFERENCE** to:

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<thead>
<tr>
<th>Advance Registration</th>
<th>Prior to 1/9/87</th>
<th>Member</th>
<th>Non-Member</th>
<th>Student/Retired</th>
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<td>Full Tutorial Fee</td>
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Conference Amount: $______

Half Day Tutorial Fee: _______ x $90/$110/$135 = $______

**TOTAL ENCLOSED:** $______

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PLEAS CHECK THE APPROPRIATE TUTORIALS YOU ARE ATTENDING:

- Tutorial #1 S. Wah □ (Full Day)
- Tutorial #2 T. Gilb □ (Full Day)
- Tutorial #3 P. Thompson □ (Half Day)
- Tutorial #4 S. Rahimi □ (Half Day)
- Tutorial #5 S. Rahimi □ (Half Day)
- Tutorial #6 D. Reiner □ (Half Day)
- Tutorial #7 A. Sheth □ (Half Day)
- Tutorial #8 J. Diederich/J. Milton □ (Half Day)
- Tutorial #9 J. Nardy □ (Half Day)
- Tutorial #10 S. B. Yao □ (Full Day)

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To guarantee your reservation, either a check or appropriate credit card information (Visa, MasterCard, Choice, or American Express), must be included with the conference registration form.

Notes: Conference registration fee includes admission to the technical sessions, one copy of the conference proceedings (except students), break refreshments, and reception. Refunds (less $15 handling fee) will be made if request is received in writing by January 19, 1987. Tutorial Registration includes tutorial notes and lunch to those who attend a full day tutorial or a 9 am-12 noon and a 1:00-5:00 pm tutorial on the same day.

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**DATA ENGINEERING**

**HOTEL RESERVATION FORM**

**Hotel Address:** Pacifica Hotel and Conference Center
6161 Centinela Avenue
Culver City, CA 90230-8306
Tel: (213) 849-1776
1-800-421-1448 or 1-800-262-1574 (California only)

The hotel is located 3 miles north of Los Angeles International Airport and provides 24-hour complimentary limousine service to and from Los Angeles International Airport. The bus runs every half-hour. Use the telephone in the baggage claim area to call the hotel for pickup.

**Rates:**

- Single: $75.00 + 8% tax
- Double: $78.00 + 8% tax

**Govt. Rates:**

- Single: $52.00 + 8% tax
- Double: $62.00 + 8% tax

**Credit Cards:** All major credit cards accepted

To be able to confirm the reservation, we must receive the coupon by **JANUARY 19, 1987**. To guarantee reservations, we also must receive one night deposit, plus 8% occupancy tax.

Reservations made after January 19, 1987 are subject to space availability. Check-in time is 3:00 p.m. Check-out time is 12:00 noon.

Cancellations must be received by hotel at least 48 hours prior to date of arrival.

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