Fourth International Conference on Data Engineering
February 2-4, 1988
Los Angeles, California, USA
sponsored by The Computer Society of the IEEE

SCOPE
Data Engineering is concerned with the semantics and structuring of data in information system design, development, management, and use. It encompasses both traditional applications and issues, and emerging ones. The purpose of this conference is to provide a forum for the sharing of practical experiences and research advances from an engineering point of view among those interested in automated data and knowledge management. Our expectation is that this sharing will enable future information systems to be more efficient and effective, and future research to be more relevant and timely.

We are particularly soliciting industrial contributions and participation. We know it is vital that there be a dialogue between practitioners and researchers. We look forward to reports of experiments, evaluations, and problems in information system design and implementation. Such reports will be processed, scheduled, and published in a distinct track.

TOPICS OF INTEREST
We invite you to submit papers on topics including but not limited to these:
Applications
- Expert systems
- Autonomous, distributed systems
- Data engineering tools
- Data management methodologies
- Data security and integrity
- Design of knowledge-based systems
- Distribution of data and knowledge

PAPER SUBMISSIONS
Each paper's length should be limited to 8 proceedings pages, which is about 5000 words, or 25 double-spaced typed pages. Four copies of completed papers should be mailed before June 15, 1987 to:

John V. Carilis, Computer Science Department, University of Minnesota,
207 Church Street SE, Minneapolis, MN 55455, (612) 625-6092; carlis @umn.cs.

TUTORIALS
The days before and after the conference will be devoted to tutorials. Proposals for tutorials on Data Engineering topics, especially advanced topics, are welcome. Send proposals by June 15, 1987 to:

Amit P. Sheth, Honeywell Computer Sciences Center, 1000 Boone Avenue North,
Golden Valley, MN 55427, (612) 541-8899.

CONFERENCE TIMETABLE AND INFORMATION:
Papers due: June 15, 1987
Tutorial proposals due: June 15, 1987
Acceptance letters sent: September 15, 1987
Camera-ready copy due: November 15, 1987
Tutorials: February 1 and 3, 1988
Conference: February 2-4, 1988

For further information contact the General Chairperson: Benjamin W. Wah,
Department of Electrical and Computer Engineering, University of Illinois, Urbana, IL 61801,
(217) 333-3516; wah@cs.uiuc.edu.

AWARDS, STUDENT PAPERS AND SUBSEQUENT PUBLICATION
Awards will be given to the best paper and to the best student paper (denoted as such when submitted and authored solely by students). The latter will receive the K. S. Fu award, honoring one of the early supporters of the conference. Up to three grants of $500 each to help defray travel costs of student authors. Outstanding papers will be considered for publication in the IEEE Computer Society publications: Computer, Expert, Software, and Transactions on Software Engineering. For more information contact the general chairman.

EPILOG
Several hundred people have been involved in the data engineering conferences as committee members, reviewers, authors, and attendees. We have benefited by being involved, and extend an invitation to you to participate.