

Program Chair's Message

This proceedings contains the regular technical and industrial papers selected by review for presentation at the Twelfth International Conference on Data Engineering (ICDE'96) to be held in New Orleans, Louisiana, February 26–March 1, 1996. The ICDE conference, sponsored by the IEEE Computer Society, provides a forum for the sharing of original research results and practical engineering experiences among researchers and practitioners interested in all aspects of data and knowledge management.

In order to achieve the objectives of 1) focusing the conference on several technical areas of current interest, 2) establishing a “balanced” final program, and 3) sharing the workload among highly qualified—but busy—individuals, a somewhat non-traditional approach was taken in the organization of the program committee and the processing of the submitted papers. The following renowned researchers were appointed to serve as the eight Vice-Chairs and the Industrial Chair to head the tasks of soliciting high-quality papers in the following technical areas:

1. Data Engineering and Information Superhighways
Prof. Gunter Schlageter, University of Hagen
2. Interoperability of Heterogeneous Information Systems
Prof. Dennis McLeod, University of Southern California
3. Scientific and Statistical Databases and Applications
Dr. Arie Shoshani, Lawrence Berkeley Laboratory
4. Multimedia Systems and Applications
Prof. William Grosky, Wayne State University
5. Extensible and Active Database/Knowledge Base Systems
Prof. Sharma Chakravarthy, University of Florida
6. Parallel and Distributed Database Systems
Dr. Chaitanya K. Baru, IBM Toronto Labs
7. Object-oriented Databases and Software Engineering
Prof. Luqi, Naval Postgraduate School
8. Real-time, Temporal and/or Spatial Systems
Prof. Alex Buchmann, Technische Hochschule Darmstadt
9. Industrial Challenges in Data Engineering
Dr. Umeshwar Dayal, Hewlett-Packard Labs

They were empowered to form nine program subcommittees by appointing their own program committee members. Each subcommittee was responsible for reviewing the papers belonging to and related to its technical area. Each subcommittee then recommended a number of good papers to the Program Chair. In the final PC meeting held in Zurich (following VLDB'95), selected papers were discussed, the scores of the recommended papers in the different areas were compared, and the final selection was made. From a total of 264 submitted papers, 60 papers were selected for the final program.

As the Program Chair, I would like to thank the Vice-Chairs, the Industrial Program Chair, and all the Program Committee members for their time, effort, dedication, cooperation, and diligence in producing the final program. Thanks also go to the additional reviewers for their kind assistance and the authors of the selected papers for their contributions to the technical program.

I would also like to thank the General Chair, Prof. Marek Rusinkiewicz, for his valuable assistance and for giving me a free hand to deal with the various tasks of putting together the final program. He was responsible for inviting the two outstanding keynote speakers and for forming the plenary panel of the conference. My deep appreciation also goes to Prof. Tamer Ozsu, Prof. Marek Rusinkiewicz, and Prof. Peter Scheuermann for serving as the reviewers for the best paper award. My long-time secretary, Ms. Sharon Grant, and my graduate assistants, Mr. Tsae-Feng Yu, Miss Fang Wang, and Mr. Xiang He, offered invaluable assistance during the entire process. Without their dedication and effort, the tasks of coordinating the activities of all the subcommittees, processing hundreds of email inquiries, mailing of papers and evaluation results, etc., would have been too heavy to bear.

It was my honor and pleasure to work with a team of dedicated people who made ICDE'96 a reality.

Stanley Y.W. Su
Program Chair ICDE-12