

François Bry Raghuram Ramakrishnan
Kotagiri Ramamohanarao (Eds.)

Deductive and Object-Oriented Databases

Fifth International Conference, DOOD '97
Montreux, December 1997
Proceedings

Foreword

DOOD'97 is the fifth conference in a series of international events which aim at promoting communication between researchers involved in two very active areas of DB research: deductive and object-oriented databases. Whereas both areas were considered competing technologies for future database technology by many at the start of the DOOD series, they have been accepted as valuable, complementary branches of research today. Starting in Kyoto, Japan, in 1989, the DOOD conferences moved to Europe in 1991 (Munich, Germany), to America in 1993 (Phoenix, Arizona, USA) and back to Asia in 1995 (Singapore). In 1997, DOOD was hosted in Europe again, this time in Montreux, Switzerland, where DOOD'97 took place from December 8 to 12.

As General Conference Chairperson I would like to express particular thanks to all those individuals who worked hard to prepare and organize DOOD'97. First and foremost, François Bry, Raghu Ramakrishnan, and Kotagiri Ramamohanarao – the Chairmen of the three regional program committees of DOOD'97 – as well as the members of their committees deserve to be mentioned. Burkhard Freitag as Tutorial Chair and Chiaki Sakama as Workshop Chair also contributed to the preparation phase of the scientific program in a valuable way. Once the program had been selected, Stefano Spaccapietra and his team at EPFL Lausanne took over the task of organizing all those many aspects of logistics which are essential for the success of a conference. Thanks to all of them for making DOOD'97 an enjoyable event.

December 1997

Rainer Manthey

Preface

The Fifth International Conference on Deductive and Object-Oriented Databases (DOOD) was held in Montreux, Switzerland, from December 8 to 12, 1997. The proceedings contain 22 full papers and 6 short papers, chosen from a total of 59 submitted papers. We anticipate that extended versions of several papers will subsequently appear in journals; the conference version is intended to facilitate timely dissemination and discussion of research results.

We thank the American, European, and Far East program committee members and the external referees for their hard work in reviewing submissions and putting together a quality program. We also thank the invited and tutorial speakers for their appreciated contributions. Finally, we thank Martin Josko, from the University of Munich, for his technical assistance during the electronic review process and for collecting the articles of this book.

December 1997

François Bry
Raghu Ramakrishnan
Kotagiri Ramamohanarao

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