

Preface

For the first time four workshops have been held in conjunction with the 8th Object-Oriented Information Systems conference, OOIS 2002, to encourage interaction between researchers and practitioners. Workshop topics are, of course, inline with the conference's scientific scope and provide a forum for groups of researchers and practitioners to meet together more closely and to exchange opinions and advanced ideas, and to share preliminary results on focused issues in an atmosphere that fosters interaction and problem solving.

The conference hosted four one-day workshops. The four selected workshops were fully in the spirit of a workshop session hosted by a main conference. Indeed, OOIS deals with all the topics related to the use of object-oriented techniques for the development of information systems. The four workshops are very specific and contribute to enlarging the spectrum of the more general topics treated in the main conference. The first workshop focused on a very specific and key concept of object-oriented development, the specialization/generalization hierarchy. The second one explored the use of "non-traditional" approaches (at the edge of object-oriented techniques, such as aspects, AI, etc.) to improve reuse. The third workshop dealt with optimization in Web-based information systems. And finally the fourth workshop investigated issues related to model-driven software development.

Each workshop was organized by a group of international organizers, leading a program committee in the process of reviewing submissions. Together the workshops selected 30 papers, involving about 80 authors, and gathered a good number of participants to the campus of the University of Montpellier on September 2, 2002.

The editors would like to thank Springer-Verlag for publishing this year both the main conference and workshops proceedings in the *Lecture Notes in Computer Science* series. They would also like to thank all the workshop organizers and program committee members for their support and collaboration in the success of this first series of workshops and in the preparation of this volume. Finally, they are also grateful to the local organizers for their support.

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Organization

This volume is a compilation of the four OOIS workshops organized at the University of Montpellier. It is organized in four chapters. Each chapter contains an introduction, written by the workshop organizers, which provides an overview of the workshop contribution, along with the Program Committee and details of other related information, followed by the accepted papers of the workshop.

The proceedings of the main conference were published as LNCS Vol. 2425.

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