Preface

This volume brings together material from the 33rd TOOLS Conference, held in France in June 2000. It contains outlines of the tutorials and workshops, and full copies of the conference papers. The papers cover key issues in object-oriented technology and address both up-to-the-minute research and hard-won, industrial experience.

The organization of software is discussed in papers on patterns, components, architecture, and distribution. Particular technologies examined include CORBA, Java and XML. Two papers report recent work on aspect-oriented approaches to software, and how they relate to object-oriented approaches. A range of system types receive attention, particularly information systems and real-time, embedded systems. A number of papers address the modelling of systems, covering issues such as how to model business rules, the importance of role-modelling, and how to use the UML’s activity diagrams effectively.

The program committee selected these papers from the many submissions for their value to software practitioners seeking to keep up-to-date with this rapidly changing field.

A large number of people contributed to this volume. I particularly want to thank the authors for their submissions, the members of the international program committee (listed inside) for their hard work in selecting the papers, Alan Cameron Wills for organizing the tutorial program, Jan Bosch for organizing the workshops, Mark Woodman for co-chairing the program committee, Jean-Marc Jézéquel for chairing the conference, and Elisabeth Lebret, Marie-Claude Sance-Plouchart and Marie-Nöelle Georgeault of Irisa/Inria for organizing the event.

Richard Mitchell
TOOLS Europe 2000 Program Chair
InferData Corporation, USA