

# Preface

EDO 2000 was the second international workshop on software engineering for distributed object systems. EDO 2000 was a continuation of EDO'99, the first workshop in this series, which was held in conjunction with ICSE '99.

Distributed object technologies – as exemplified by CORBA and the CORBA Services, COM+, EJB, and the J2EE – are increasingly being adopted by various enterprises as a fundamental technology for their IT infrastructures. As a consequence, extensive industry practice of using the technologies is being gained. At the same time, the technologies continue to advance and new functionality and services continue to be introduced.

In order to use the existing and emerging functions of distributed object technologies effectively, and to better meet today's demanding business and computing requirements, advances in software engineering methods and techniques for distributed objects are strongly needed. Software engineering for distributed objects is the research area that provides solutions of proven practice for issues and problems that are unique to systems employing distributed object technologies. EDO is the premier workshop that brings together the research and practice community of software engineering for distributed objects.

We received about 30 submissions and the international program committee selected 15 papers. We clustered accepted papers into sessions and the authors of these papers championed the sessions and took a lead in the discussions. The workshop organizers selected particular authors to give brief presentations that were aimed to kick off the discussion in each session. The result of the different sessions was summarized at the end of the workshop and these session summaries are included in these proceedings.

Also in tradition with the workshop series, we had an invited industrial presentation. This year Walter Schwarz talked about an enterprise application integration project in the financial domain that deployed a judicious combination of distributed object middleware and markup languages to achieve integration of financial trading systems.

December 2000

Wolfgang Emmerich and Stefan Tai  
Program Co-chairs  
EDO 2000

# Program Committee

## Organization

Conference Chair: Volker Gruhn, University of Dortmund, Germany  
Program Co-chairs: Wolfgang Emmerich, University College London, UK  
Stefan Tai, IBM Watson Research, U.S.A.  
Organizing Chair: Prem Devanbu, University of California, Davis, U.S.A.

## Referees

Jean Bezivin, University of Nantes, France  
Gordon Blair, Lancaster University, UK  
Alfred Bröckers, Adesso GmbH, Germany  
Peter Croll, University of Wollongong, Australia  
Elisabetta Di Nitto, Politecnico di Milano, Italy  
Alfonso Fuggetta, Politecnico di Milano, Italy  
Willi Hasselbring, University of Oldenburg, Germany  
Jusuke Hashimoto, NEC, Japan  
Walter Huersch, Zuehlke, Switzerland  
Arno Jacobson, INRIA, France  
Mehdi Jazayeri, TU Vienna, Austria  
Gerti Kappel, University of Linz, Austria  
Wojtek Kozacynski, Rational, USA  
Bernd Krämer, FU Hagen, Germany  
Jeff Magee, Imperial College, UK  
Nenad Medvidovic, University of Southern California, USA  
Neil Roodyn, Cognitech, UK  
David Rosenblum, University of California Irvine, USA  
Isabelle Rouvellou, IBM Watson Research, USA  
Walter Schwarz, DG Bank, Germany  
Dirk Slama, Shinka Technologies, Germany  
Daniel Steinmann, UBS, Switzerland  
Alfred Strohmeier, EPFL, Switzerland  
Stan Sutton, IBM Watson Research, USA

## Sponsoring Institutions

Adesso GmbH, Germany  
IBM Watson Research, U.S.A.  
Zühlke Engineering GmbH, Germany