Preface

This volume contains the 28 papers presented at ESOP 2001, the Tenth European Symposium on Programming, which took place in Genova, Italy, April 4–6, 2001. The ESOP series began in 1986, and addresses both practical and theoretical issues in the design, specification, and analysis of programming languages and systems.

The call for ESOP 2001 encouraged papers addressing (but not limited to)

- Programming paradigms (including functional, logic, concurrent, and object-oriented) and their integration;
- Semantics with applications to the development of correct, secure, and efficient software and systems;
- Advanced type systems, program analysis, program transformation.

The volume begins with two invited contributions. The first contribution belongs to ETAPS as a whole, and accompanies the "unifying" ETAPS invited talk given by Luca Cardelli. The second contribution is from the ESOP invited speaker, John Mitchell. The remaining 26 papers were selected by the program committee from the 76 submissions, and include one short paper which accompanied a tool-demo presentation.

Each submission was reviewed by at least three referees, and papers were selected in the latter stages of a two week discussion phase. My thanks to the members of the program committee and other referees for their hard work. Thanks also to Christian Probst for help with the conference management software, and to Don Sannella for steering the ETAPS ship so smoothly.

January 2001   David Sands

Organization

Program Chair

David Sands   Chalmers and Göteborg University, Sweden

Program Committee

Martín Abadi	Bell Labs, USA
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David Sands	Chalmers and Göteborg University, Sweden
Peter Sestoft	KVL and ITU Copenhagen, Denmark
Harald Søndergaard	The University of Melbourne, Australia

Additional Referees

Johan Agat	Dilian Gurov	Gordon Pace
Karine Altisen	Jörgen Gustavsson	Joachim Parrow
Pierre Berlioux	Thomas Hallgren	Simon Peyton Jones
Bruno Blanchet	Gregoire Hamon	Frank Pfenning
Valentin Bonnard	John Hannan	François Pottier
Glenn Bruns	Fritz Henglein	K. V. S. Prasad
Michele Bugliesi	Charles Hymans	Elisa Quintarelli
Luca Cardelli	Daniel Jackson	C.R. Ramakrishnan
Giuseppe Castagna	Thomas Jensen	Francesco Ranzato
Jan Cederquist	Mark P. Jones	Julian Rathke
Thomas Colcombet	Simon Jones	Jakob Rehof
Seth Copen Goldstein	Jan Jurjens	Jon Riecke
Agostino Cortesi	Per Kreuger	Hanne Riis Nielson
Patrick Cousot	John Lamping	Claudio Russo
Karl Crary	Cosimo Laneve	Andrei Sabelfeld
Olivier Danvy	Julia Lawall	Francesca Scozzari
Ewen Denney	Peter Lee	Ran Shaham
Nachum Dershowitz	Bjorn Lisper	Vitaly Shmatikov
Nurit Dor	Francesco Logozzo	Zoltan Somogyi
Tyson Dowd	Renaud Marlet	Fausto Spoto
Conal Elliot	Andres Martinelli	Peter J. Stuckey
Martin Elsman	Damien Massé	Martin Sulzmann
Jérôme Feret	Laurent Mauborgne	Mario Südholt
Cedric Fournet	Antoine Miné	Tommy Thorn
Pascal Fradet	David Monniaux	Frank Valencia
Nissim Francez	Laurent Mounier	Bjorn Victor
Lars-Åke Fredlund	Lee Naish	Ramesh Viswanathan
Stephen Freund	Xavier Nicollin	Jan Vitek
Roberto Giacobazzi	Thomas Noll	Jose-Luis Vivas
Pabla Giambiagi	Martin Odersky	David Walker
Kevin Glynn	Richard O'Keefe	Eran Yahav
Gregor Goessler	Dino Oliva	Amiram Yehudai
Orna Grumberg	Catherine Oriat	Gianluigi Zavattaro