Preface

It is now more than twenty-five years since object-oriented programming was “invented” (actually, more than thirty years since work on Simula started), but, by all accounts, it would appear as if object-oriented technology has only been “discovered” in the past ten years! When the first European Conference on Object-Oriented Programming was held in Paris in 1987, I think it was generally assumed that Object-Oriented Programming, like Structured Programming, would quickly enter the vernacular, and that a conference on the subject would rapidly become superfluous. On the contrary, the range and impact of object-oriented approaches and methods continues to expand, and, despite the inevitable oversell and hype, object-oriented technology has reached a level of scientific maturity that few could have foreseen ten years ago.

Object-oriented technology also cuts across scientific cultural boundaries like perhaps no other field of computer science, as object-oriented concepts can be applied to virtually all the other areas and affect virtually all aspects of the software life cycle. (So, in retrospect, emphasizing just Programming in the name of the conference was perhaps somewhat short-sighted, but at least the acronym is pronounceable and easy to remember!) This year’s ECOOP attracted 146 submissions from around the world — making the selection process even tougher than usual. The selected papers range in topic from programming language and database issues to analysis and design and reuse, and from experience reports to theoretical contributions.

The selection of papers was carried out during a two-day Programme Committee meeting in Geneva. All papers were reviewed in advance by at least three people. Papers were judged according to their originality, relevance and presentation quality. All papers were judged purely on their own merits, independently of other submissions. In most cases, authors of rejected papers received detailed comments on how to improve their manuscripts. In general, the quality of submissions was quite high, but we noted that many authors were making some common errors in the presentation of their results (such as not clearly demonstrating what was new or original). Authors who are in any doubt about how to prepare their papers for ECOOP are well advised to consult the excellent article by Alan Snyder in the January 1991 issue of the ACM OOPS Messenger on “How to Get Your Paper Accepted at OOPSLA.” Although the article was not written with ECOOP in mind, it contains much good advice for authors submitting manuscripts to any conference!

This year’s ECOOP is the first which is being run under the auspices of a formal international body rather than an ad hoc steering committee. AITO is the Association Internationale pour les Technologies Objets (the acronym is more pronounceable in French than in English — and turns out to mean “genuine” in Finnish!), and was founded during ECOOP 92 in Utrecht by a number of people who have been involved in various ways in running previous ECOOPs. AITO not only provides a formal mechanism for ensuring the continuation of ECOOP, but it also provides a legal (non-profit) entity that can facilitate the financing of future conferences. ECOOP 94 is now planned to be held in Bologna, Italy. Bids will be considered by AITO for hosting future ECOOPs. Please direct all inquiries to the AITO president, Pierre Cointe, (Ecole des Mines de Nantes, 3 rue Marcel Sembat 44049 Nantes Cedex 04, France. E-mail: cointe@emn.fr).
Organising Committee

Conference chair: Gerhard Barth (Germany)
Programme chair: Oscar Nierstrasz (Switzerland)
Organizing chair: Walter Olthoff (Germany)
Tutorials: Derek Coleman (United Kingdom)
Workshops: Dieter Rombach (Germany)
Panels: Jens Palsberg (Denmark)
Exhibition: Ansgar Bernardi (Germany)
Demonstrations: Walter Sommer (Germany)

Sponsors

AITO (Association Internationale pour les Technologies Objets)
DFKI (German Research Centre for Artificial Intelligence)
University of Kaiserslautern

Co-Sponsoring and Contributing Organisations

Gesellschaft für Informatik Hewlett-Packard GmbH
ACM SIGPLAN IBM Deutschland GmbH
Daimer Benz AG Siemens-Nixdorf AG

Programme Committee

Mehmet Aksit University of Twente
Pierre America Philips Research Laboratories
Bruce Anderson University of Essex
Jean Bézivin Université de Nantes
François Bodart Facultés Universitaires de Namur
Jean-Pierre Briot University of Tokyo
Stefano Crespi Reghizzi Politecnico di Milano
Elspeth Cusack British Telecom
Klaus R. Dittrich Universität Zürich
Simon Gibbs Université de Genève
Chris Horn Trinity College, University of Dublin
Ralph E. Johnson Univ. of Illinois at Urbana-Champaign
Gerti Kappel University of Vienna
Claus Lewerentz Forschungszentrum Informatik (FZI)
Ole Lehmmann Madsen Aarhus University
Boris Magnusson Lund University
Bertrand Meyer ISE Inc.
Birger Møller-Pedersen Norwegian Computer Center
Max Mühlhäuser University of Karlsruhe
Remo Pareschi ECRC GmbH
Anna-Kristin Pröfrock Siemens Nixdorf Software Eng. GmbH
Markku Sakkinen University of Jyväskylä
Dave Thomas Object Technology International Inc.
Mario Tokoro Sony CSL / Keio University
André Weinand Ubilab, Union Bank of Switzerland
Akinori Yonezawa University of Tokyo
Roberto Zicari Johann Wolfgang Goethe-Universität
Referees

Bruno Achauer
Peter Andersen
Jean-Marc Andreoli
Marc Andries
Marie-Jo Bellosta
Dag Belsnes
Andreas Birrer
Anders Björnersteds
Peter Boehnlein
Marc Bourgois
Michael Bouschen
Søren Brandt
Christian Breiteneder
Rolf de By
Eduardo Casais
Shigeru Chiba
Hagen Conradi
Laurent Dami
Birgit Demuth
Roland Ducournau
Gregor Engels
Fabrizio Ferrandina
Oliver Frick
Harald Fuchs
Nobuhisa Fujinami
Philippe Gautron
Hans-Werner Gellersen
Andreas Geppert
Wolfgang Gerteis
Herbert Gold
Jan Goossenaerts
Thorsten Gorchs
Nicolas Graube
Rachid Guerraoui
Michel Habib
Görel Hedin
Martin Hofmann
Kohei Honda
Yasuaki Honda
Marianne Huchard
Yutaka Ishikawa
Dirk Jonscher
Karl-Heinz Köster
Jørgen Lindskov Knudsen
Hiroki Konaka
Shinji Kono
Dimitri Konstantas
Angelika Kotz-Dittrich
Stein Krogdahl
Michel Kuntz
Tsu-Min Kuo
Morten Kyng
Danny Lange
Doug Lea
Torsten Leidig
Lone Leth
Anund Lie
Frank J. van der Linden
Thomas Lindner
Ling Liu
Kim Jensen Møller
Kai-Uwe Mätzeli
Gerhard Müller
Munenori Maeda
Satoshi Matsuoka
Shahrzade Mazaher
Jeff McAffeer
Vicki de Mey
Sten Minör
Peter Axel Nielsen
Silvia Nittel
Jan Overbeck
Jens Palsberg
Michael Papathomas
Jean François Perrot
Steven Proctor
Georg Raeder
G.H.B. Rafsanjani
Stefan Rausch-Schott
Tim Regan
Werner Retschitzegger
Peter Roesch
Jean-Claude Royer
Andreas Rueping
Elmer Sandvad
Ichiro Satoh
Bruno Schäffer
Stefan Scherrer
Alex Schill
Joachim Schimpf
Duri Schmidt
Michael Schrefl
Michael Schwartzbach
Emil Sekerinski
Jon Skretting
Paal Soergaard
Markus Stumptner
Antero Taivalsaari
Akikazu Takeuchi
Takao Tenma
Bent Thomsen
Dave Thomson
Hideki Tsuiki
Stefan Vieweg
Juha Vihavainen
Andrei Voronkov
Shigeru Watari
Andrew Watson
Franz Weber
Clazien Wezeman
Helmut Wiegmann
Alan Wills
Jeremy Wilson
Mike Wilson
Philip Yelland
Peter Young
Andreas Zamperoni
Christian Zedler
Walter Zimmer
Eddy G. Zondag
ECOOP '93 - Object-Oriented Programming
7th European Conference, Kaiserslautern, Germany,
Nierstrasz, O. (Ed.)
1993, XII, 540 p., Softcover
ISBN: 978-3-540-57120-9