

LNCS 4277

Robert Meersman
Zahir Tari
Pilar Herrero et al. (Eds.)

On the Move to Meaningful Internet Systems 2006: OTM 2006 Workshops

OTM Confederated International Workshops and Posters
AWeSOMe, CAMS, COMINF, IS, KSinBIT, MIOS-CIAO, MONET,
OnToContent, ORM, PerSys, OTM Academy Doctoral Consortium,
RDDS, SWWS, and SeBGIS 2006
Montpellier, France, October/November 2006, Proceedings, Part I

1 Part I



Springer

TP 311.133.1-55
088.2
2006
v.1
Robert Meersman Zahir Tari
Pilar Herrero et al. (Eds.)

On the Move to Meaningful Internet Systems 2006: OTM 2006 Workshops

OTM Confederated International Workshops and Posters
AWeSOMe, CAMS, COMINF, IS, KSiNBIT, MIOS-CIAO, MONET,
OnToContent, ORM, PerSys, OTM Academy Doctoral Consortium,
RDDS, SWWS, and SeBGIS 2006
Montpellier, France, October 29 – November 3, 2006
Proceedings, Part I



Springer



E2007000016

Volume Editors

Robert Meersman

Vrije Universiteit Brussel (VUB), STARLab
Bldg G/10, Pleinlaan 2, 1050 Brussels, Belgium
E-mail: meersman@vub.ac.be

Zahir Tari

RMIT University, School of Computer Science and Information Technology
Bld 10.10, 376-392 Swanston Street, VIC 3001, Melbourne, Australia
E-mail: zahirt@cs.rmit.edu.au

Pilar Herrero

Universidad Politécnica de Madrid, Facultad de Informática
Campus de Montegancedo S/N, 28660 Boadilla del Monte, Madrid, Spain
E-mail: pherrero@fi.upm.es

Library of Congress Control Number: 2006935257

CR Subject Classification (1998): H.2, H.3, H.4, C.2, H.5, I.2, D.2, K.4

LNCS Sublibrary: SL 3 – Information Systems and Application, incl. Internet/Web and HCI

ISSN 0302-9743

ISBN-10 3-540-48269-5 Springer Berlin Heidelberg New York

ISBN-13 978-3-540-48269-7 Springer Berlin Heidelberg New York

This work is subject to copyright. All rights are reserved, whether the whole or part of the material is concerned, specifically the rights of translation, reprinting, re-use of illustrations, recitation, broadcasting, reproduction on microfilms or in any other way, and storage in data banks. Duplication of this publication or parts thereof is permitted only under the provisions of the German Copyright Law of September 9, 1965, in its current version, and permission for use must always be obtained from Springer. Violations are liable to prosecution under the German Copyright Law.

Springer is a part of Springer Science+Business Media

springer.com

© Springer-Verlag Berlin Heidelberg 2006

Printed in Germany

Typesetting: Camera-ready by author, data conversion by Scientific Publishing Services, Chennai, India
Printed on acid-free paper SPIN: 11915034 06/3142 5 4 3 2 1 0

Commenced Publication in 1973

Founding and Former Series Editors:

Gerhard Goos, Juris Hartmanis, and Jan van Leeuwen

Editorial Board

David Hutchison

Lancaster University, UK

Takeo Kanade

Carnegie Mellon University, Pittsburgh, PA, USA

Josef Kittler

University of Surrey, Guildford, UK

Jon M. Kleinberg

Cornell University, Ithaca, NY, USA

Friedemann Mattern

ETH Zurich, Switzerland

John C. Mitchell

Stanford University, CA, USA

Moni Naor

Weizmann Institute of Science, Rehovot, Israel

Oscar Nierstrasz

University of Bern, Switzerland

C. Pandu Rangan

Indian Institute of Technology, Madras, India

Bernhard Steffen

University of Dortmund, Germany

Madhu Sudan

Massachusetts Institute of Technology, MA, USA

Demetri Terzopoulos

University of California, Los Angeles, CA, USA

Doug Tygar

University of California, Berkeley, CA, USA

Moshe Y. Vardi

Rice University, Houston, TX, USA

Gerhard Weikum

Max-Planck Institute of Computer Science, Saarbruecken, Germany

Volume Editors

Robert Meersman
Zahir Tari
Pilar Herrero

AWeSOMe

Daniel Grosu
Pilar Herrero
Gonzalo Medez
Marta Sabou

CAMS

Annika Hinze
George Buchanan

COMINF

Aldo de Moor
Michael Gurstein

IS

Mario Freire
Simao Melo de Sousa
Vitor Santos

KSinBIT

Maja Hadzic
Bart De Moor
Yves Moreau
Arek Kasprzyk

MIOS-CIAO

Antonia Albani
Jan L.G. Dietz

MONET

Fernando Ferri
Maurizio Rafanelli
Arianna D'Ulizia

OnToContent

Mustafa Jarrar
Claude Ostyn
Werner Ceusters
Andreas Persidis

ORM

Terry Halpin
Robert Meersman

PerSys

Skevos Evripidou
Roy Campbell

OTM Academy Doctoral Consortium

Antonia Albani
Gabor Nagypal
Johannes Maria Zaha

RDDS

Eiko Yoneki
Pascal Felber

SWWS

Katia Sycara
Elizabeth Chang
Ernesto Damiani
Mustafa Jarrar
Tharam Dillon

OTM 2006 General Co-chairs' Message

Dear OnTheMove Participant or Reader of these Proceedings,

The General Chairs of OnTheMove 2006, Montpellier, France, are happy to observe that the conference series that was started in Irvine, California in 2002 and subsequently held in Catania, Sicily in 2003 and in Cyprus in 2004 and 2005 clearly continues to attract a growing representative selection of today's world-wide research on the scientific concepts underlying distributed, heterogeneous and autonomous yet meaningfully collaborative computing, with the Internet and the WWW as its prime epitomes.

Indeed, as such large, complex and networked intelligent information systems become the focus and norm for computing, it is clear that there is an acute and increasing need to address and discuss in an integrated forum the implied software and system issues as well as methodological, theoretical and application issues. As we all know, e-mail, the Internet, and even video conferences are not sufficient for effective and efficient scientific exchange. This is why the OnTheMove (OTM) Federated Conferences series has been created to cover the increasingly wide yet closely connected range of fundamental technologies such as data and Web semantics, distributed objects, Web services, databases, information systems, workflow, cooperation, ubiquity, interoperability, mobility, grid and high-performance. OnTheMove aspires to be a primary scientific meeting place where all aspects of the development of Internet- and Intranet-based systems in organizations and for e-business are discussed in a scientifically motivated way. This fifth 2006 edition of the OTM Federated Conferences event therefore again provided an opportunity for researchers and practitioners to understand and publish these developments within their individual as well as within their broader contexts.

The backbone of OTM was originally formed by the co-location of three related, complementary and successful main conference series: DOA (Distributed Objects and Applications, since 1999), covering the relevant infrastructure-enabling technologies, ODBASE (Ontologies, DataBases and Applications of SEmantics, since 2002) covering Web semantics, XML databases and ontologies, CoopIS (Cooperative Information Systems, since 1993) covering the application of these technologies in an enterprise context through, for example, workflow systems and knowledge management. For the 2006 edition, these were strengthened by a fourth conference, GADA (Grid computing, high-performAnce and Distributed Applications, a successful workshop at OTM since 2004), covering the large-scale integration of heterogeneous computing systems and data resources with the aim of providing a global computing space. Each of these four conferences encourages researchers to treat their respective topics within a framework that incorporates jointly (a) theory, (b) conceptual design and development, and (c) applications, in particular case studies and industrial solutions.

Following and expanding the model created in 2003, we again solicited and selected quality workshop proposals to complement the more “archival” nature of the main conferences with research results in a number of selected and more “avant garde” areas related to the general topic of distributed computing. For instance, the so-called Semantic Web has given rise to several novel research areas combining linguistics, information systems technology, and artificial intelligence, such as the modeling of (legal) regulatory systems and the ubiquitous nature of their usage. We were glad to see that several earlier successful workshops (notably WOSE, MIOS-INTEROP, AweSOMe, CAMS, SWWS, SeBGIS, ORM) re-appeared in 2006 with a second, third or sometimes fourth edition, and that not less than seven new workshops could be hosted and successfully organized by their respective proposers: IS (International Workshop on Information Security), COMINF (International Workshop on Community Informatics), KSinBIT (International Workshop on Knowledge Systems in Bioinformatics), MONET (International Workshop on MOBILE and NETworking Technologies for social applications), OnToContent (Ontology content and evaluation in Enterprise), PerSys (International Workshop on Pervasive Systems), and RDDS (International Workshop on Reliability in Decentralized Distributed Systems). We know that as before, their audiences will mutually productively mingle with those of the main conferences, as is already visible from the overlap in authors! The OTM organizers are especially grateful for the leadership and competence of Pilar Herrero in managing this complex process into a success for the second year in a row.

A special mention for 2006 is again due for the third and enlarged edition of the highly attractive OnTheMove Academy (formerly called Doctoral Consortium Workshop). Its 2006 Chairs, Antonia Albani, Gábor Nagypál and Johannes Maria Zaha, three young and active researchers, further refined the original set-up and interactive formula to bring PhD students together: they call them to submit their research proposals for selection; the resulting submissions and their approaches are presented by the students in front of a wider audience at the conference, where they are then independently and extensively analyzed and discussed in public by a panel of senior professors. This year these were Johann Eder, Maria Orlowska, and of course Jan Dietz, the Dean of the OnTheMove Academy, who provided guidance, support and help for the team. The successful students are also awarded free access to all other parts of the OTM program, and only pay a minimal fee for the Doctoral Symposium itself (in fact their attendance is largely sponsored by the other participants!). The OTM organizers expect to further expand the OnTheMove Academy in future editions of the conferences and so draw an audience of young researchers into the OTM forum.

All four main conferences and the associated workshops share the distributed aspects of modern computing systems, and the resulting application-pull created by the Internet and the so-called Semantic Web. For DOA 2006, the primary emphasis was on the distributed object infrastructure; for ODBASE 2006, it became the knowledge bases and methods required for enabling the use of formal semantics; for CoopIS 2006, the topic was the interaction of such

technologies and methods with management issues, such as occur in networked organizations, and for GADA 2006, the topic was the scalable integration of heterogeneous computing systems and data resources with the aim of providing a global computing space. These subject areas naturally overlap and many submissions in fact also treat an envisaged mutual impact among them. As for the earlier editions, the organizers wanted to stimulate this cross-pollination by a shared program of famous keynote speakers: this year we were proud to announce Roberto Cencioni (European Commission), Alois Ferscha (Johannes Kepler Universität), Daniel S. Katz (Louisiana State University and Jet Propulsion Laboratory), Frank Leymann (University of Stuttgart), and Marie-Christine Rousset (University of Grenoble)! We also encouraged multiple event attendance by providing all authors, also those of workshop papers, with free access or discounts to one other conference or workshop of their choice.

We received a total of 361 submissions for the four main conferences and an impressive 493 (compared to the 268 in 2005 and 170 in 2004!) submissions for the workshops. Not only may we indeed again claim success in attracting an increasingly representative volume of scientific papers, but such a harvest of course allows the Program Committees to compose a higher quality cross-section of current research in the areas covered by OTM. In fact, in spite of the larger number of submissions, the Program Chairs of each of the three main conferences decided to accept only approximately the same number of papers for presentation and publication as in 2003, 2004 and 2005 (i.e., average one paper out of four submitted, not counting posters). For the workshops, the acceptance rate varies but was much stricter than before, about one in two to three, to less than one quarter for the IS (Information Security) international workshop. Also for this reason, we separated the proceedings into two books with their own titles, with the main proceedings in two volumes, and we are grateful to Springer for their suggestions and collaboration in producing these books and CDROMs. The reviewing process by the respective Program Committees as usual was performed very professionally and each paper in the main conferences was reviewed by at least three referees, with arbitrated e-mail discussions in the case of strongly diverging evaluations. It may be worthwhile to emphasize that it is an explicit OnTheMove policy that all conference Program Committees and Chairs make their selections completely autonomously from the OTM organization itself. Continuing a costly but nice tradition, the OnTheMove Federated Event organizers decided again to make all proceedings available to all participants of conferences and workshops, independently of one's registration to a specific conference or workshop. Each participant also received a CDROM with the full combined proceedings (conferences + workshops).

The General Chairs are once more especially grateful to all the many people directly or indirectly involved in the setup of these federated conferences who contributed to making it a success. Few people realize what a large number of people have to be involved, and what a huge amount of work, and sometimes risk, the organization of an event like OTM entails. Apart from the persons in the roles mentioned above, we therefore in particular wish to thank our 12 main conference

PC Co-chairs (GADA 2006: Pilar Herrero, María S. Pérez, Domenico Talia, Albert Zomaya; DOA 2006: Judith Bishop, Kurt Geihs; ODBASE 2006: Maurizio Lenzerini, Erich Neuhold, V.S. Subrahmanian; CoopIS 2006: Mike Papazoglou, Louiqa Raschid, Rainer Ruggaber) and our 36 workshop PC Co-chairs (Antonia Albani, George Buchanan, Roy Campbell, Werner Ceusters, Elizabeth Chang, Ernesto Damiani, Jan L.G. Dietz, Pascal Felber, Fernando Ferri, Mario Freire, Daniel Grosu, Michael Gurstein, Maja Hadzic, Pilar Herrero, Terry Halpin, Anika Hinze, Skevos Evripidou, Mustafa Jarrar, Arek Kasprzyk, Gonzalo Méndez, Aldo de Moor, Bart De Moor, Yves Moreau, Claude Ostyn, Andreas Persidis, Maurizio Rafanelli, Marta Sabou, Vitor Santos, Simao Melo de Sousa, Katia Sycara, Arianna D'Ulizia, Eiko Yoneki, Esteban Zimányi).

All, together with their many PC members, did a superb and professional job in selecting the best papers from the large harvest of submissions.

We also heartily thank Zohra Bellahsene of LIRMM in Montpellier for the considerable efforts in arranging the venue at their campus and coordinating the substantial and varied local facilities needed for a multi-conference event such as ours. And we must all also be grateful to Mohand-Said Hacid of the University of Lyon for researching and securing the sponsoring arrangements, to Gonzalo Méndez, our excellent Publicity Chair, to our extremely competent and experienced Conference Secretariat and technical support staff Daniel Meersman, Ana-Cecilia Martinez Barbosa, and Jan Demey, and last but not least to our hyperactive Publications Chair and loyal collaborator of many years, Kwong Yuen Lai, this year bravely assisted by Peter Dimopoulos.

The General Chairs gratefully acknowledge the academic freedom, logistic support and facilities they enjoy from their respective institutions, Vrije Universiteit Brussel (VUB) and RMIT University, Melbourne, without which such an enterprise would not be feasible.

We do hope that the results of this federated scientific enterprise contribute to your research and your place in the scientific network... We look forward to seeing you again at next year's edition!

August 2006

Robert Meersman, Vrije Universiteit Brussel, Belgium
Zahir Tari, RMIT University, Australia
(General Co-chairs, OnTheMove 2006)

Organization Committee

The OTM (On The Move) Federated Workshops aim at complementing the more “archival” nature of the OTM Federated Conferences with research results in a number of selected and more “avant garde” areas related to the general topic of distributed computing. In 2006, only 14 workshops were chosen after a rigorous selection process by Pilar Herrero. The 2006 selected international conferences were: AWeSOMe (International Workshop on Agents, Web Services and Ontologies Merging), CAMS (International Workshop on Context-Aware Mobile Systems), COMINF (International Workshop on Community Informatics), IS (International Workshop on Information Security), KSinBIT (International Workshop on Knowledge Systems in Bioinformatics), MIOS+CIAO (International Workshop on Inter-organizational Systems), MONET (International Workshop on MOBILE and NETWORKING Technologies for social applications), OnToContent (International Workshop on Ontology content and evaluation in Enterprise), ORM (International Workshop on Object-Role Modeling), PerSys (International Workshop on Pervasive Systems), OTM Academy Doctoral Consortium, RDDS (International Workshop on Reliability in Decentralized Distributed Systems), SWWS (IFIP WG 2.12 and WG 12.4 International Workshop on Web Semantics), and SeBGIS (International Workshop on Semantic-based Geographical Information Systems).

OTM 2006 Federated Workshops are proudly supported by CNRS (Centre National de la Recherche Scientifique, France), the City of Montpellier (France), Ecole Polytechnique Universitaire de Montpellier, Université de Montpellier II (UM2), Laboratoire d’Informatique de Robotique et de Microélectronique de Montpellier (LIRMM), RMIT University (School of Computer Science and Information Technology), and Vrije Universiteit Brussel (Department of Computer Science).

Executive Committee

OTM 2006 General Co-chairs:

Robert Meersman (Vrije Universiteit Brussel, Belgium), Zahir Tari (RMIT University, Australia), and Pilar Herrero (Universidad Politécnica de Madrid, Spain).

AWeSOMe 2006 PC Co-chairs:

Daniel Grosu (Wayne State University, USA), Pilar Herrero (Universidad Politécnica de Madrid, Spain), Gonzalo Médez (Universidad Complutense de Madrid, Spain), and Marta Sabou (The Open University, UK).

XII Organization

CAMS 2006 PC Co-chairs:	Annika Hinze (University of Waikato, New Zealand) and George Buchanan (University of Wales Swansea, UK).
COMINF 2006 PC Co-chairs:	Aldo de Moor (Vrije Universiteit Brussel, Belgium) and Michael Gurstein (Community Informatics Research Network, Canada).
IS 2006 PC Co-chairs:	Mário Freire (University of Beira Interior, Portugal), Simão Melo de Sousa (University of Beira Interior, Portugal), and Vitor Santos (Microsoft Lisbon, Portugal).
KSinBIT 2006 PC Co-chairs:	Maja Hadzic (Curtin University of Technology, Australia), Bart De Moor (Katholieke Universiteit Leuven, Belgium), Yves Moreau (Katholieke Universiteit Leuven, Belgium), and Arek Kasprzyk (European Bioinformatics Institute, UK).
MIOS-CIAO 2006 PC Co-chairs:	Antonia Albani (University of Augsburg, Germany) and Jan L.G. Dietz (Delft University of Technology, Netherlands).
MONET 2006 PC Co-chairs:	Fernando Ferri (National Research Council, Italy), Maurizio Rafanelli (National Research Council, Italy) and Arianna D'Ulizia (National Research Council, Italy).
OnToContent 2006 PC Co-chairs:	Mustafa Jarrar (Vrije Universiteit Brussel, Belgium), Claude Ostyn (IEEE-LTSC, USA), Werner Ceusters (University of Buffalo, USA), and Andreas Persidis (Biovista, Greece).
ORM 2006 PC Co-chairs:	Terry Halpin (Neumont University, USA) and Robert Meersman (Vrije Universiteit Brussel, Belgium).
PerSys 2006 PC Co-chairs:	Skevos Evripidou (University of Cyprus, Cyprus) and Roy Campbell (University of Illinois at Urbana-Champaign, USA).
OTM 2006 Academy Doctoral Consortium PC Co-chairs:	Jan Dietz, OTM Academy Dean (Tu Delft, Netherlands), Antonia Albani (University of Augsburg, Germany), Gábor Nagypál (Forschungszentrum Informatik - FZI, Germany) and Johannes Maria Zaha (Queensland University of Technology, Australia).

RDDS 2006 PC Co-chairs:

Eiko Yoneki (University of Cambridge, UK) and Pascal Felber (Université de Neuchâtel, Switzerland).

SWWS 2006 PC Co-chairs:

Katia Sycara (Carnegie Mellon University, USA), Elizabeth Chang (Curtin University of Technology, Australia), Ernesto Damiani (Milan University, Italy), Mustafa Jarrar (Vrije Universiteit Brussel, Belgium), and Tharam Dillon (University of Technology Sydney, Australia) .

SeBGIS 2006 PC Co-chair:

Esteban Zimány (Université Libre de Bruxelles, Belgium).

Publication Co-chairs:

Kwong Yuen Lai (RMIT University) and Peter Dimopoulos (RMIT University).

Local Organizing Chair:

Zohra Bellahsene (University of Montpellier II, France).

Publicity Chair:

Gonzalo Méndez (Universidad Complutense de Madrid, Spain).

Secretariat:

Ana-Cecilia Martinez Barbosa, Jan Demey, and Daniel Meersman.

AWeSOMe (Agents, Web Services and Ontologies Merging) 2006 Program Committee

José Luis Bosque
 Juan A. Botía Blaya
 Liliana Cabral
 Isaac Chao
 Adam Cheyer
 Ian Dickinson
 John Domingue
 Antonio Garcia Dopico
 Jorge Gómez
 Dominic Greenwood
 Jingshan Huang
 Margaret Lyell
 Dan Marinescu
 Gregorio Martinez
 Michael Maximilien
 Mauricio Paletta
 Juan Pavón
 José Mariía Peña

Marí Pérez
 Ronald Poell
 Debbie Richards
 Víctor Robles
 Paul Roe
 Manuel Salvadores
 Alberto Sánchez
 Weisong Shi
 Marius-Calin Silaghi
 Henry Tirri
 Santtu Toivonen
 Rainer Unland
 Chris van Aart
 Sander van Splunter
 Julita Vassileva
 Niek Wijngaards
 Cheng-Zhong Xu

CAMS (Context-Aware Mobile Systems) 2006 Program Committee

Susanne Boll
Dan Chalmers
Keith Cheverst
Trevor Collins
Gill Dobbie
Tiong Goh
John Grundy
Reto Krummenacher

Diane Lingrand
Dave Nichols
Michel Scholl
Goce Trajcevski
Mark van Setten
Agnes Voisard

COMINF (Community Informatics) 2006 Program Committee

Mark Aakhus
Mark Ackerman
Anjo Anjewierden
Michael Bieber
Andy Bytheway
Stijn Christiaens
Tanguy Coenen
Fiorella De Cindio
Peter Day
Dan Dixon
Lilia Efimova
Hamid Ekbis
Marcus Foth

Mark Gaved
Tom Horan
Driss Ketani
Rolf Kleef
Ulrike Lechner
Peter Mambrey
Dave Newman
Jack Park
Larry Stillman
Beverly Trayner
Bartel Van de Walle
Brian Whitworth

IS (Information Security) 2006 Program Committee

Andre Adelsbach
Manuel Bernardo Barbosa
Carlo Blundo
Fernando Boavida
Thierry Brouard
Ilyoung Chong
Nathan Clarke
Miguel P. Correia
Gwenaël Dërr
Paul Dowland
Mahmoud T. El-Hadidi

Steven Furnell
Michael Gertz
Javier Herranz
Sushil Jajodia
Lech J. Janczewski
Hyun-Kook Kahng
Stamatios Kartalopoulos
Kwok-Yan Lam
Benoit Libert
William List
Henrique S. Mamede

Evangelos Markatos
 Sjouke Mauw
 Natalie Miloslavskaya
 José Pina Miranda
 Edmundo Monteiro
 Yi Mu
 Nuno Ferreira Neves
 Maria Papadaki
 Manuela Pereira
 Hartmut Pohl
 Carlos Ribeiro

Henrique Santos
 Ryoichi Sasaki
 Sung-Won Sohn
 K.P. Subbalakshmi
 Stephanie Teufel
 José Esgalhado Valen
 Serge Vaudenay
 Jozef Vyskoc
 Paulo Veríssimo
 André Zúquete

IS (Information Security) 2006 Additional Referees

Anyi Liu
 Chao Yao
 Filipe Caldeira
 João Abrunhosa
 Jorge Granjal
 José Carlos Bacelar Almeida
 Lingyu Wang
 Nuno Garcia

Pedro Inácio
 Romeu Silva
 Sérgio Nunes
 Shiping Chen
 Sotiris Ioannidis
 Stéahine Cuachie

KSinBIT (Knowledge Systems in Bioinformatics) 2006 Program Committee

Robert Meersman
 Werner Ceusters
 Georges De Moor
 Elizabeth Chang
 Peter Dawyndt
 Jan Van den Bussche
 Antoon Goderis
 Paolo Romano
 Marie-Dominique Devignes
 Bert Coessens
 Mark Wilkinson
 Katy Wolstencroft
 Peter Li
 Robert Stevens

Carole Goble
 Phillip Lord
 Chris Wroe
 Michael Bada
 Ilkay Altintas
 Stephen Potter
 Vasa Curcin
 Armin Haller
 Eyal Oren
 M. Scott Marshall
 Marco Roos
 Iwei Yeh

MIOS+CIAO (Inter-organizational Systems) 2006 Program Committee

Wil van der Aalst
Paer Agerfalk
Antonia Albani
Bernhard Bauer
Emmanuel delaHostria
Jan L.G. Dietz
Johann Eder
Joaquim Filipe
Rony G. Flatscher
Kees van Hee
Jan Hoogervorst
Christian Huemer
Zahir Irani
Peter Loos
Graham McLeod
Arturo Molina

Aldo de Moor
Moiria Norrie
Maria Orlowska
Erik Proper
Gil Regev
Dewald Roode
Pnina Soffer
Arne Solvberg
Jose Tribolet
Klaus Turowski
Vijay K. Vaishnavi
Rene Wagenaar
Christian Winnewisser
Robert Winter
Johannes Maria Zaha

MONET (MOBILE and NETworking Technologies for social applications) 2006 Program Committee

Russell Beale
Tiziana Catarci
Richard Chbeir
Karin Coninx
Peter Dimopoulos
Juan De Lara
Anna Formica
Patrizia Grifoni
Otthein Herzog
Irina Kondratova
Steve Marsh

Rebecca Montanari
Michele Missikoff
Nuria Oliver
Marco Padula
Andrew Phippen
Tommo Reti
Tim Strayer
Henri Ter Hofte
Riccardo Torlone
Mikael Wiberg

OnToContent (Ontology content and evaluation in Enterprise) 2006 Program Committee

Adil Hameed
Alain Leger
Aldo Gangemi
Andre Valente

Andrew Stranieri
Avigdor Gal
Barry Smith
Bill Andersen

Bob Colomb
 Christiane Fellbaum
 Christopher Brewster
 Ernesto Damiani
 Fausto Giunchiglia
 Francesco Danza
 Francky Trichet
 Giancarlo Guizzardi
 Giorgos Stamou
 Hans Akkermans
 Jeff Pan
 Jens Lemcke
 John Sowa
 Joost Breuker
 Karl Stroetmann
 Kewen Wang
 Luk Vervenne

Miguel-Angel Sicilia
 Mohand-Said Hacid
 Nikolay Mehandjiev
 Paolo Bouquet
 Paul Piwek
 Robert Meersman
 Robert Tolksdorf
 Sergio Tessaris
 Silvie Spreeuwenberg
 Simon White
 Stephen McGibbon
 Theo Mensen
 Yannick Legre
 Yannis Charalabidis
 Yaser Bishr

ORM (Object-Role Modeling) 2006 Program Committee

Guido Bakema
 Herman Balsters
 Linda Bird
 Anthony Bloesch
 Scott Becker
 Peter Bollen
 Andy Carver
 Dave Cuyler
 Necito dela Cruz
 Aldo de Moor
 Olga De Troyer
 Jan Dietz
 David Embley
 Ken Evans
 Gordon Everest
 Henri Habrias
 Pat Hallock

Terry Halpin
 Hank Hermans
 Stijn Hoppenbrouwers
 Mike Jackson
 Mustafa Jarrar
 Alberto Laender
 Inge Lemmens
 Robert Meersman
 Tony Morgan
 Maurice Nijssen
 Sijr Nijssen
 Erik Proper
 Peter Spyns
 Sten Sundblad
 Theo van der Weide
 Gerd Wagner

PerSys (Pervasive Systems) 2006 Program Committee

Jalal Al-Muhtadi
 Jean Bacon

Christain Becker
 Roy Campbell