

Preface

Cooperative Information Systems have emerged as a central concept in a variety of applications, projects, and systems in the new era of *e*-business. The conference at which the papers in this volume were presented was the ninth international conference on the topic of Cooperative Information Systems (CoopIS 2001), and was held in Trento, Italy on September 5-7, 2001.

Like the previous conferences, CoopIS 2001 has been remarkably successful in bringing together representatives of many different fields, spanning the entire range of effective web-based Cooperative Information Systems, and with interests ranging from industrial experience to original research concepts and results.

The 29 papers collected here out of the 79 ones that were submitted, demonstrate well the range of results achieved in several areas such as agent technologies, models and architectures, web systems, information integration, middleware technologies, federated and multi-database systems. The papers themselves, however, do not convey the lively excitement of the conference itself, and the continuing spirit of cooperation and communication across disciplines that has been the hallmark of these conferences.

We would especially like to thank our keynote speakers: Philip A. Bernstein (Microsoft Research, USA), Edward E. Cobb (BEA Systems, USA), and Maurizio Lenzerini (Università di Roma “La Sapienza”, Italy) for providing a portrait of the best contemporary work in the field.

We would also like to thank the many people who made CoopIS 2001 possible. First of all, the program committee members and all the additional reviewers for all they did to ensure the high quality of accepted contributions. Second, Susanna Cavagna and Elisabetta Nones for doing all the necessary and hard work needed for the local organization and budget. Finally, Enrico Zaninotto, Dean of the Faculty of Economics, for letting us use the “Aula Magna”.

July 2001

Carlo Batini
Fausto Giunchiglia
Paolo Giorgini
Massimo Mecella

CoopIS 2001 Conference Organization

CoopIS 2001 was jointly organized by the Università di Trento and Dipartimento di Informatica e Sistemistica, Università di Roma “La Sapienza”, in cooperation with the International Foundation on Cooperative Information Systems (IFCIS). It was sponsored by the International Foundation on Cooperative Information Systems (IFCIS) and the Università di Trento.

Executive Committee

- General Chair: Fausto Giunchiglia
Università di Trento, Italy
- Program Chair: Carlo Batini
Università di Roma “La Sapienza”, Italy
Autorità per l’Informatica nella Pubblica Amministrazione, Roma, Italy
- Organizing Chairs: Susanna Cavagna, Elisabetta Nones
Università di Trento, Italy
- Publicity Chair: Paolo Giorgini
Università di Trento, Italy

Program Committee

Gustavo Alonso	ETH Zurich, Switzerland
Roberto Baldoni	Università di Roma “La Sapienza”, Italy
Carlo Batini (PC Chair)	Università di Roma “La Sapienza”, Italy and Autorità per l’Informatica nella Pubblica Amministrazione, Roma, Italy
Alexander Borgida	Rutgers University, USA
Paolo Bouquet	Università di Trento, Italy
Fabio Casati	HP Labs, USA
Paolo Ciancarini	Università di Bologna, Italy
Umesh Dayal	HP Labs, USA
Elisabetta Di Nitto	Politecnico di Milano, Italy
Ahmed Elmagarmid	Purdue University, USA
Alfonso Fuggetta	Politecnico di Milano, Italy
Mariagrazia Fugini	Politecnico di Milano, Italy
Dimitrios Georgakopoulos	Telcordia Technologies, USA
Paul Grefen	University of Twente, The Netherlands
Michael Huhns	University of South Carolina, USA
Christian Jensen	Aalborg University, Denmark
Dimitris Karagiannis	Universität Wien, Austria
John Krogstie	SINTEF Telecom and Informatics, Norway
Steve Laufmann	Qwest Communications, USA
Witold Litwin	University of Paris IX, France
Dennis McLeod	University of Southern California, USA
Massimo Mecella	Università di Roma “La Sapienza”, Italy
Zoran Milosevic	DSTC, Australia
Paolo Missier	Telcordia Technologies, USA
Michele Missikoff	IASI-CNR Roma, Italy
John Mylopoulos	University of Toronto, Canada
Shamkant Navathe	Georgia Institute of Technology, USA
Erich Neuhold	Darmstadt University of Technology, Germany
Oscar Nierstrasz	University of Berne, Switzerland
Tamer Özsu	University of Waterloo, Canada
Francois Pacull	Xerox Research Centre Europe, France
Maurizio Panti	Università di Ancona, Italy
Mike Papazoglou	Tilburg University, The Netherlands
Barbara Pernici	Politecnico di Milano, Italy
Colette Rolland	Université de Paris 1 Pantheon Sorbonne, France
Marek Rusinkiewicz	Telcordia Technologies, USA
Heiko Schuldt	ETH Zurich, Switzerland
Ming-Chien Shan	HP Labs, USA
Amit Sheth	University of Georgia, USA
Keng Siau	University of Nebraska-Lincoln, USA

VIII Organization

William Song
Stefano Spaccapietra
Zahir Tari

University of Hong Kong, Hong Kong
EPFL, Switzerland
Royal Melbourne Institute of Technology,
Australia

Kyu-Young Whang

Korea Advanced Institute of Science and
Technology, Korea

Additional Referees

S. Alfuraih
F. Anjum
K. Anyanwu
B. Arpinar
D. Arregui
D. Baker
K. Barker
M. Boehlen
A. Cali
D. Calvanese
J. Cardoso
A. Cichocki
M. Colajanni
P. Cremonesi
W. Derks
M.G. Elfeky
J. Erickson
M.M. Fokkinga
C. Francalanci
M.M. Hammad
N. He
E.K. Hong
S. Kulkarni

D. Lee
C.H. Lin
C. Marchetti
M. Mesiti
Y. Ndiaye
A.H.H. Ngu
M.E. Poleggi
T. Risse
A. Salminen
M. Scannapieco
H.W. Shin
G. Slivinskas
J. Steel
F. Taglino
N. Tryfona
P. van Eck
A. Virgillito
L.L. Yan
X.F. Wang
W. Wang
J. Willamowski
F. Zito



<http://www.springer.com/978-3-540-42524-3>

Cooperative Information Systems
9th International Conference, CoopIS 2001, Trento,
Italy, September 5-7, 2001. Proceedings
Batini, C.; Giunchiglia, F.; Giorgini, P.; Mecella, M. (Eds.)
2001, XII, 456 p., Softcover
ISBN: 978-3-540-42524-3