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Coordination Models and Languages

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Preface

Modern information systems rely increasingly on combining concurrent, distributed, mobile, reconfigurable and heterogenous components. New models, architectures, languages, and verification techniques are therefore necessary to cope with the complexity induced by the demands of today's software development. Coordination languages have emerged as a successful approach, providing abstractions that cleanly separate behavior from communication and therefore increasing modularity, simplifying reasoning, and ultimately enhancing software development.

This volume contains the proceedings of the 7th International Conference on Coordination Models and Languages (Coordination 2005), held at the Institute of Informatics of the University of Namur, Belgium, on April 20–23, 2005. The previous conferences in this series took place in Cesena (Italy), Berlin (Germany), Amsterdam (The Netherlands), Limassol (Cyprus), York (UK), and Pisa (Italy). Building upon the success of these events, Coordination 2005 provided a forum for the community of researchers interested in models, languages, and implementation techniques for coordination and component-based software, as well as applications that exploit them.

The conference attracted 88 submissions from authors all over the world. The Program Committee, consisting of 20 of the most distinguished researchers in the coordination research area, selected 19 papers for presentation on the basis of originality, quality, and relevance to the topics of the conference. Each submission was refereed by three reviewers — four in the case of papers written by a member of the Program Committee. As with previous editions, the paper submission and selection processes were managed entirely electronically. This was accomplished using ConfMan (`www.ifi.uni.no/confman/ABOUT-ConfMan/`), a free Web-based conference management system, and with the invaluable help of Paolo Costa, who installed and customized the system, ensuring its smooth operation.

We are grateful to all the Program Committee members who devoted much effort and time to read and discuss the papers. Moreover, we gratefully acknowledge the help of additional external reviewers, listed later, who reviewed submissions in their areas of expertise.

Finally, we would like to thank the authors of all the submitted papers and the conference attendees, for keeping this research community lively and interactive, and ultimately ensuring the success of this conference series.

February 2005

Jean-Marie Jacquet
Gian Pietro Picco

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