Preface

This volume contains the 43 papers written by close collaborators and friends of Ugo Montanari in celebration of his 65th birthday. In some sense, the volume is a reflection, with gratitude and admiration, on Ugo’s highly creative, remarkably fruitful and intellectually generous life, which is thriving as strongly as ever. It provides a snapshot of the manifold research ideas that have been deeply influenced by Ugo’s work. In a sense the book gives a vantage point from which to foresee further developments to come: by Ugo himself, and by many other people encouraged and stimulated by his friendship and example.

The volume consists of seven sections, six of which are dedicated to the main research areas to which Ugo has contributed. Each of these six sections starts with a contribution by one of Ugo’s closer collaborators providing an account of Ugo’s contribution to the area and briefly describing the papers in the section. The six scientific sections and the respective editors are the following:

- Graph Transformation (Andrea Corradini)
- Constraint and Logic Programming (Francesca Rossi)
- Software Engineering (Stefania Gnesi)
- Concurrency (Roberto Gorrieri)
- Models of Computation (Roberto Bruni and Vladimiro Sassone)
- Software Verification (Gian-Luigi Ferrari)

The final section, edited by Fabio Gadducci, contains some laudatio or memories of working experiences with Ugo, as well as three more technical contributions.

All papers have undergone the scrutiny of at least two reviewers. There is one exception, the contribution by Angelo Raffaele Meo. Because of its highly technical nature and the necessities of keeping the publication deadline, we have not been able to obtain reports for it. For this reason we are not able to take full editorial responsibility for the results in the paper, which are presented as a preliminary report of work in progress to be fully developed in a later publication. Besides the three book editors and the eight section editors, we were helped by several reviewers who gave comments on the papers and made suggestions for their improvement. We would like to thank all of them for their very professional and reliable help.

This volume was presented to Ugo on the 12th of June 2008 during a one-day symposium held in Pisa at the Department of Computer Science. There were six invited talks from eminent scientists, whose friendships with Ugo date back many years. We thank Rina Dechter, Hartmut Ehrig, Robin Milner, Martin Wirsing, and Glynn Winskel for accepting our invitation.

We would also like to thank the Dipartimento di Informatica di Pisa for their support in the organization of the symposium, and the following institutions for their financial support:
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- AICA: Associazione Italiana per l’Informatica ed il Calcolo Automatico,
- CINI: Consorzio Interuniversitario Nazionale per l’Informatica,
- Dipartimento di Matematica Pura ed Applicata di Padova,
- ISTI: Institute of Information Science and Technologies “A. Faedo” of CNR,
- SENSORIA project – Software Engineering for Service-Oriented Overlay Computers,
- University of Pisa.

We would like to conclude by saying that this editorial activity made us further experience how much Ugo is appreciated all around the world, and the great esteem he has in the scientific community. Congratulations Ugo!

June 2008

Rocco De Nicola
Pierpaolo Degano
José Meseguer
Organization

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