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Leveraging Applications of Formal Methods

First International Symposium, ISoLA 2004
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Revised Selected Papers

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Preface

This volume contains the main proceedings for ISoLA 2004, the 1st International Symposium on Leveraging Applications of Formal Methods held in Paphos (Cyprus) October–November 2004. Besides the 12 papers in this volume, other ISoLA 2004 contributions were selected for thematical special issues of the international journals of *Theoretical Computer Science* (TCS-B), *Software Tools for Technology Transfer* (STTT), as well as *Integrated Design and Process Science* (SDPS transactions).

ISoLA 2004 served the need of providing a forum for developers, users, and researchers to discuss issues related to the adoption and use of rigorous tools and methods for the specification, analysis, verification, certification, construction, test, and maintenance of systems from the point of view of their different application domains. Thus, the ISoLA series of events serves the purpose of bridging the gap between designers and developers of rigorous tools, and users in engineering and in other disciplines, and of fostering and exploiting synergetic relationships among scientists, engineers, software developers, decision makers, and other critical thinkers in companies and organizations. In particular, by providing a venue for the discussion of common problems, requirements, algorithms, methodologies, and practices, ISoLA aims at supporting researchers in their quest to improve the utility, reliability, flexibility, and efficiency of tools for building systems, and users in their search for adequate solutions to their problems.

September 2006

Tiziana Margaria
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Table of Contents

Interaction and Coordination of Tools for Structured Data	1
<i>Farhad Arbab, Joost N. Kok</i>	
Modelling Coordination in Biological Systems	9
<i>Dave Clarke, David Costa, Farhad Arbab</i>	
A Rule Markup Language and Its Application to UML	26
<i>Joost Jacob</i>	
Using XML Transformations for Enterprise Architectures	42
<i>A. Stam, J. Jacob, F.S. de Boer, M.M. Bonsangue, L. van der Torre</i>	
Classification and Utilization of Abstractions for Optimization	57
<i>Dan Quinlan, Markus Schordan, Qing Yi, Andreas Saebjornsen</i>	
On the Correctness of Transformations in Compiler Back-Ends	74
<i>Wolf Zimmermann</i>	
Accurate Theorem Proving for Program Verification	96
<i>Byron Cook, Daniel Kroening, Natasha Sharygina</i>	
Designing Safe, Reliable Systems Using Scade	115
<i>Parosh Aziz Abdulla, Johann Deneux, Gunnar Stålmarck, Herman Ågren, Ove Åkerlund</i>	
Decreasing Maintenance Costs by Introducing Formal Analysis of Real-Time Behavior in Industrial Settings	130
<i>Anders Wall, Johan Andersson, Christer Norström</i>	
Static Timing Analysis of Real-Time Operating System Code	146
<i>Daniel Sandell, Andreas Ermedahl, Jan Gustafsson, Björn Lisper</i>	
A Case Study in Domain-Customized Model Checking for Real-Time Component Software	161
<i>Matthew Hoosier, Matthew B. Dwyer, Robby, John Hatcliff</i>	
Models for Contract Conformance	181
<i>Sriram K. Rajamani, Jakob Rehof</i>	
Author Index	197