

Contents

Preface	ii
Message from the Program Committee Chair	iii
<i>Klaus Ostermann—Philipps-Universität Marburg, Germany</i>	
StrongRelaxAJ: integrating adaptability of RelaxAJ and expressiveness of StrongAspectJ	1
<i>Tomoyuki Aotani—University of Tokyo, Japan</i>	
<i>Manabu Toyama—University of Tokyo, Japan</i>	
<i>Hidehiko Masuhara—University of Tokyo, Japan</i>	
Translucid Contracts for Aspect-oriented Interfaces	5
<i>Mehdi Bagherzadeh—Iowa State University, USA</i>	
<i>Hridesh Rajan—Iowa State University, USA</i>	
<i>Gary T. Leavens—University of Central Florida, USA</i>	
A Smooth Combination of Role-based Language and Context Activation	15
<i>Tetsuo Kamina—University of Tokyo, Japan</i>	
<i>Tetsuo Tamai—University of Tokyo, Japan</i>	
Towards An Open Trace-Based Mechanism	25
<i>Paul Leger—University of Chile, Chile</i>	
<i>Eric Tanter—University of Chile, Chile</i>	
Specifying and Exploiting Advice-Execution Ordering using Dependency State Machines	31
<i>Eric Bodden—Center for Advanced Security Research, Darmstadt, Germany</i>	
Semantic Aspect Interactions and Possibly Shared Join Points	43
<i>Emilia Katz—Technion—Israel Institute of Technology, Israel</i>	
<i>Shmuel Katz—Technion—Israel Institute of Technology, Israel</i>	
Rewriting Logic Model of Compositional Abstraction of Aspect-Oriented Software	53
<i>Yasuyuki Tahara—University of Electro-Communications, Japan</i>	
<i>Akihiko Ohsuga—University of Electro-Communications, Japan</i>	
<i>Shinichi Honiden—National Institute of Informatics and Univ. of Tokyo, Japan</i>	
Modeling Aspects by Category Theory	63
<i>Serge P. Kovalyov—Institute of Computational Technologies, Russia</i>	