

Contents

Tutorials and Papers	1
Model Checking: A Tutorial Overview	3
<i>Stephan Merz (Universität München, Germany)</i>	
Theorem Proving for Verification	39
<i>John Rushby (Computer Science Laboratory, SRI International, Menlo Park, USA)</i>	
Composition and Abstraction	58
<i>Antti Valmari (Tampere University of Technology, Finland)</i>	
UPPAAL – Now, Next, and Future	99
<i>Tobias Amnell (Uppsala University, Sweden), Gerd Behrmann (Aalborg University, Denmark), Johan Bengtsson (Uppsala University, Sweden), Pedro R. D’Argenio (University of Twente, The Netherlands), Alexandre David (Uppsala University, Sweden), Ansgar Fehnker (University of Nijmegen, The Netherlands), Thomas Hune (Aarhus University, Denmark), Bertrand Jeannet, Kim G. Larsen (Aalborg University, Denmark), M. Oliver Möller (Aarhus University, Denmark), Paul Pettersson (Uppsala University, Sweden), Carsten Weise (Ericsson Eurolab Deutschland GmbH, Germany), Wang Yi (Uppsala University, Sweden)</i>	
HMSCs as Partial Specifications ... with PNs as Completions	125
<i>Benoit Caillaud, Philippe Darondeau, Loïc Hélouët, and Gilles Lesventes (IRISA, Rennes, France)</i>	
Industrial Applications of Model Checking	153
<i>Alessandro Cimatti (ITC-IRST, Trento, Italy)</i>	
Formal Methods in Practice: The Missing Links. A Perspective from the Security Area	169
<i>Dominique Bolognani, Daniel Le Métayer, Claire Loiseaux (Trusted Logic)</i>	
Annotated Bibliographies	181
Verification of Systems with an Infinite State Space	183
<i>Javier Esparza (Technische Universität München, Germany)</i>	
Testing Transition Systems: An Annotated Bibliography	187
<i>Ed Brinksma, Jan Tretmans (University of Twente, The Netherlands)</i>	

Fault Model-Driven Test Derivation from Finite State Models: Annotated
Bibliography 196
Alexandre Petrenko (CRIM, Montreal, Canada)

Mobile Processes: A Commented Bibliography 206
Silvano Dal Zilio (Microsoft Research, Cambridge, U.K.)

Author Index 223