

Contents

Preface	v
SHAZ QADEER (Invited Speaker) HAVOC: A Precise and Scalable Verifier for Systems Code	1
HANIFA BOUCHENEB, KAMEL BARKAOUI Covering Steps Graphs of Time Petri Nets	3
PAROSH ABDULLA, PAVEL KRČÁL, WANG YI Universality of R-automata with Value Copying	13
PAOLO BALDAN (Invited Speaker) Verification of Graph Transformation Systems	23
DIETMAR BERWANGER (Invited Speaker) Coordinating Controllers	25
REGIS GASCON An Automata-based Approach for CTL* with Constraints	27
NARJES BEN RAJEB, BRAHIM NASRAOUI, RIADH ROBBANA, TAYSSIR TOUILI Verifying Multithreaded Recursive Programs with Integer Variables	37
FLORENT BOUCHY, ARNAUD SANGNIER, ALAIN FINKEL Reachability in Timed Counter Systems	47
ULI FAHRENBERG, KIM G. LARSEN Discount-Optimal Infinite Runs in Priced Timed Automata	59