

Table of Contents

Understanding Transactional Memory (Extended Abstract) (Invited Talk)	1
<i>João Lourenço</i>	
The SMT-LIB Initiative and the Rise of SMT (HVC 2010 Award Talk) (Invited Talk)	3
<i>Clark Barrett, Leonardo de Moura, Silvio Ranise, Aaron Stump, and Cesare Tinelli</i>	
Testing Concurrent Software (Invited Talk)	4
<i>Shmuel Ur</i>	
Reflections on Spartan Programming and the No-Debugger Principle (Invited Talk)	5
<i>Joseph (Yossi) Gil</i>	
An Introduction to Test Specification in FQL (Invited Talk)	9
<i>Andreas Holzer, Michael Tautschnig, Christian Schallhart, and Helmuth Veith</i>	
Verification Failures: What to Do When Things Go Wrong (Invited Talk)	23
<i>Valeria Bertacco</i>	
Special Session on Debugging (Invited Talk)	24
<i>Yoav Hollander, Alan Hu, João Lourenço, and Ronny Morad</i>	
Debugging Unrealizable Specifications with Model-Based Diagnosis	29
<i>Robert Könighofer, Georg Hofferek, and Roderick Bloem</i>	
Parallelizing a Symbolic Compositional Model-Checking Algorithm	46
<i>Ariel Cohen, Kedar S. Namjoshi, Yaniv Sa'ar, Lenore D. Zuck, and Katya I. Kislyova</i>	
Reaching Coverage Closure in Post-silicon Validation	60
<i>Allon Adir, Amir Nahir, Avi Ziv, Charles Meissner, and John Schumann</i>	
Variants of LTL Query Checking	76
<i>Hana Chockler, Arie Gurfinkel, and Ofer Strichman</i>	
SAT-Solving Based on Boundary Point Elimination	93
<i>Eugene Goldberg and Panagiotis Manolios</i>	

Feedback-Based Coverage Directed Test Generation: An Industrial
Evaluation 112
 Charalambos Ioannides, Geoff Barrett, and Kerstin Eder

vlogs1: A Strategy Language for Simulation-Based Verification of
Hardware 129
 Michael Katelman and José Meseguer

Advances in Simultaneous Multithreading Testcase Generation
Methods 146
 *John M. Ludden, Michal Rimon, Bryan G. Hickerson, and
 Allon Adir*

Revisiting Synthesis of GR(1) Specifications 161
 Uri Klein and Amir Pnueli

An Efficient and Flexible Approach to Resolution Proof Reduction 182
 Simone Fulvio Rollini, Roberto Bruttomesso, and Natasha Sharygina

Author Index 197