

Table of Contents

Mobile Resource Guarantees for Smart Devices	1
<i>David Aspinall, Stephen Gilmore, Martin Hofmann, Donald Sannella, and Ian Stark</i>	
History-Based Access Control and Secure Information Flow	27
<i>Anindya Banerjee and David A. Naumann</i>	
The Spec# Programming System: An Overview	49
<i>Mike Barnett, K. Rustan M. Leino, and Wolfram Schulte</i>	
Mastering Test Generation from Smart Card Software Formal Models	70
<i>Fabrice Bouquet, Bruno Legard, Fabien Peureux, and Eric Torreborre</i>	
A Mechanism for Secure, Fine-Grained Dynamic Provisioning of Applications on Small Devices	86
<i>William R. Bush, Antony Ng, Doug Simon, and Bernd Mathiske</i>	
ESC/Java2: Uniting ESC/Java and JML – Progress and Issues in Building and Using ESC/Java2, Including a Case Study Involving the Use of the Tool to Verify Portions of an Internet Voting Tally System	108
<i>David R. Cok and Joseph R. Kiniry</i>	
A Type System for Checking Applet Isolation in Java Card	129
<i>Werner Dietl, Peter Müller, and Arnd Poetzsch-Heffter</i>	
Verification of Safety Properties in the Presence of Transactions	151
<i>Reiner Hähnle and Wojciech Mostowski</i>	
Modelling Mobility Aspects of Security Policies	172
<i>Pieter Hartel, Pascal van Eck, Sandro Etalle, and Roel Wieringa</i>	
Smart Devices for Next Generation Mobile Services	192
<i>Chie Noda and Thomas Walter</i>	
A Flexible Framework for the Estimation of Coverage Metrics in Explicit State Software Model Checking	210
<i>Edwin Rodríguez, Matthew B. Dwyer, John Hatcliff, and Robby</i>	
Combining Several Paradigms for Circuit Validation and Verification	229
<i>Diana Toma, Dominique Borriore, and Ghiath Al Sammane</i>	
Smart Card Research Perspectives	250
<i>Jean-Jacques Vandewalle</i>	
Author Index	257

Construction and Analysis of Safe, Secure, and
Interoperable Smart Devices

International Workshop, CASSIS 2004, Marseille,

France, March 10-14, 2004, Revised Selected Papers

Barthe, G.; Burdy, L.; Huisman, M.; Lanet, J.-L.; Muntean,
T. (Eds.)

2005, IX, 258 p., Softcover

ISBN: 978-3-540-24287-1