

# Contents

## Invited Contribution

- Abstraction Refinement for the Analysis of Software Product Lines. . . . . 3  
*Ferruccio Damiani, Reiner Hähnle, and Michael Lienhardt*

## Regular Contributions

- Hybrid Information Flow Analysis for Real-World C Code . . . . . 23  
*Gergö Barany and Julien Signoles*
- Symbolic Execution of Transition Systems with Function Summaries . . . . . 41  
*Imen Boudhiba, Christophe Gaston, Pascale Le Gall,  
and Virgile Prevosto*
- Unit Testing of Database-Driven Java Enterprise Edition Applications. . . . . 59  
*Andreas Fuchs and Herbert Kuchen*
- Model-Based Testing of Probabilistic Systems with Stochastic Time . . . . . 77  
*Marcus Gerhold and Mariëlle Stoelinga*
- Test Suite Reduction in Idempotence Testing of Infrastructure as Code . . . . . 98  
*Katsuhiko Ikeshita, Fuyuki Ishikawa, and Shinichi Honiden*

## Short Contributions and Tool Demonstrations

- Checking UML and OCL Model Behavior with Filmstripping  
and Classifying Terms . . . . . 119  
*Martin Gogolla, Frank Hilken, Khanh-Hoang Doan, and Nisha Desai*
- Skolem Function Continuation for Quantified Boolean Formulas. . . . . 129  
*Katalin Fazekas, Marijn J.H. Heule, Martina Seidl, and Armin Biere*
- WSCLim: A Tool for Model-Based Testing of WS-BPEL Compositions  
Under Load Conditions . . . . . 139  
*Afef Jmal Maâlej, Moez Krichen, and Mohamed Jmaïel*
- Testing a Saturation-Based Theorem Prover: Experiences and Challenges. . . . 152  
*Giles Reger, Martin Suda, and Andrei Voronkov*
- Author Index** . . . . . 163



<http://www.springer.com/978-3-319-61466-3>

Tests and Proofs

11th International Conference, TAP 2017, Held as Part  
of STAF 2017, Marburg, Germany, July 19–20, 2017,

Proceedings

Gabmeyer, S.; Johnsen, E.B. (Eds.)

2017, XI, 163 p. 38 illus., Softcover

ISBN: 978-3-319-61466-3