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Conference Publications

1. **Reconstructing Paths for Reachable Code**. Stephan Arlt and Martin Schäf in *15th International Conference on Formal Engineering Methods (ICFEM)*, Queenstown, New Zealand, October 2013

2. **A Theory for Control-Flow Graph Exploration**. Stephan Arlt, Philipp Rümmer, and Martin Schäf in *11th International Symposium on Automated Technology for Verification and Analysis (ATVA)*, Hanoi, Vietnam, October 2013

3. **Explaining Inconsistent Code**. Martin Schäf, Daniel Schwartz-Narbonne, and Thomas Wies in *21st ACM SIGSOFT symposium and the 14th European conference on Foundations of software engineering (ESEC/FSE)*, Saint Petersburg, Russia, August 2013

4. **Joogie: From Java through Jimple to Boogie**. Stephan Arlt, Philipp Rümmer, and Martin Schäf in *ACM SIGPLAN International Workshop on State of the Art in Java Program analysis (SOAP)*, Seattle, USA, June 2013

5. **Flow-sensitive Fault Localization**. Jürgen Christ, Evren Ermis, Martin Schäf, and Thomas Wies in *14th International Conference on Verification, Model Checking, and Abstract Interpretation (VMCAI)*, Rome, Italy, January 2013

6. **Parameterized GUI Tests**. Stephan Arlt, Pedro Borromeo, Martin Schäf, and Andreas Podelski in *23rd IFIP Int. Conference on Testing Software and Systems (ICTSS)*, Aalborg, Denmark, November 2012

7. **Lightweight Static Analysis for GUI Testing**. Stephan Arlt, Andreas Podelski, Cristiano Bertolini, Martin Schäf, Ishan Banerjee, and Atif Memon in *23rd IEEE International Symposium on Software Reliability Engineering (ISSRE)*, Dallas TX, USA, November 2012

8. **Error Invariants**. Evren Ermis, Martin Schäf, and Thomas Wies in *18th International Symposium on Formal Methods (FM)*, Paris, France, August 2012

9. **Joogie: Infeasible Code Detection for Java**. Stephan Arlt, Martin Schäf in *24th International Conference on Computer Aided Verification (CAV)*, Berkeley CA, USA, July 2012

10. **Infeasible Code Detection**. Cristiano Bertolini, Martin Schäf, and Pascal Schweitzer in *4th Conference on Verified Software: Theories, Tools and Experiments (VSTTE)*, Philadelphia PA, USA January 2012

11. **Towards a Formal Integrated Model of Collaborative Healthcare**. Cristiano Bertolini, Martin Schäf, and Volker Stolz in *1st International Symposium on Foundations of Health Information Engineering and Systems (FHIES)*, Johannesburg, South Africa August 2011

12. **Behind the Scenes: An Approach to Incorporate Context in GUI Test Case Generation**. Stephan Arlt, Cristiano Bertolini, and Martin Schäf in *Testing Techniques & Experimentation Benchmarks for Event-Driven Software (TESTBEDS)*, Berlin, Germany March 2011

13. **AutoPA: Automatic Prototyping from Requirements**. Xiaoshan Li, Zhiming Liu, Martin Schäf, and Ling Yin in *4th International Symposium On Leveraging Applications of Formal Methods, Verification and Validation (ISoLA)*, Heraklion, Greece, September 2010

14. **It's doomed; we can prove it**. Jochen Hoenicke, K. Rustan M. Leino, Andreas Podelski, Martin Schäf, Andreas Podelski In *16th International Symposium on Formal Methods (FM)*, Eindhoven, Netherlands, November 2009

JOURNAL
PUBLICATIONS

15. **Doomed Program Points**. Jochen Hoenicke, K. Rustan M. Leino, Andreas Podelski, Martin Schäf, Andreas Podelski in *37th Journal on Formal Methods in System Design* September 2010

BOOK CHAPTERS

16. **Trends in Model-based GUI Testing**. Stephan Arlt, Cristiano Bertolini, and Martin Schäf in *Advances in Computers*, Volume 86