

Programme of the Workshop
Automation of Software Test (AST'08)

08:45-09:00 **Opening Remarks**

09:00-10:30 **Model-Based Testing** (Chair: Fevzi Belli)

- Leila Naslavsky, Hadar Ziv and Debra Richardson. *Using Model Transformation to Support Model-Based Test Coverage Measurement*
- W. Eric Wong, Andy Restrepo, Yu Qi and Byoungju Choi. *An EFSM-based Test Generation for Validation of SDL Specifications*
- Harald Brandl, Gordon Fraser and Franz Wotawa. *QR-Model Based Testing (Short)*
- Arilo Dias Neto and Guilherme Travassos. *Supporting the Selection of Model-based Testing Approaches for Software Projects (Short)*

10:30-11:00 Coffee Break

11:00-12:30 **Test Generation** (Chair: Franz Wotawa)

- J. Jenny Li, David Weiss and Howell Yee. *An Automatically-Generated Run-Time Instrumenter to Reduce Coverage Testing Overhead*
- Svetoslav Ganov, Chip Killmar, Sarfraz Khurshid, Dewayne Perry. *Test Generation for Graphical User Interfaces Based on Symbolic Execution*
- Jacques Julliand, Pierre-Alain Masson and Regis Tissot. *Generating Security Tests in Addition to Functional Tests (Short)*
- Fabrice Bouquet, Christophe Grandpierre, Bruno Legeard and Fabien Peureux. *A Test Generation Solution to Automate Software Testing (Short)*

12:30-14:00 Lunch

14:00-15:30 **Instrumentation, Frames, Automation** (Chair: Jenny Li)

- Ning Zhong, Zhihai Zhuo and Jing-ming Kuang. *A Generic Formal framework for Protocol Interoperability Test and Test Cases Minimization*
- Christian Pfaller. *Requirements-Based Test Case Specification by Using Information from Model Construction*
- Dave Arnold and Jean-Pierre Corriveau. *An Open Framework for the Specification and Execution of Conformance Tests using Scenarios (Short)*
- Heiko Stallbaum, Andreas Metzger and Klaus Pohl. *An Automated Technique for Risk-based Test Case Generation and Prioritization (Short)*

15:30-16:00 Coffee Break

16:00-17:30 **Evaluation and Simulation** (Chair: Christian Pfaller)

- Junhua Ding, Peter J. Clarke, Gonzalo Argote-Carcia and Yudong He. *Evaluating Test Adequacy Coverage of High Level Petri Nets Using Spin*
- Stephen Masticola and Michael Gall. *Vision: Testing of Mechatronics Software using Agile Simulation*
- José Carlos Ribeiro, Mário Zenha-Rela and Francisco Vega. *A Strategy for Evaluating Feasible and Unfeasible Test Cases for the Evolutionary Testing of Object-Oriented Software*

17:30-17:45: **Closing Remarks**

19:30: Workshop Banquet at Alte Nikolaischule Restaurant