

AST 2017 Technical Program (Provisional)

Day 1: 20th May 2017

| Session Name | Time | Paper ID | Title | Author list |
|----------------------------|-------------------|---------------|--|---|
| Keynote | 8:30am - 10:00am | ICSE17-AST-10 | Trasferring Software Testing Tools to Practice | Tao Xie |
| Agile Testing | 10:30am - 11:00am | ICSE17-AST-03 | Supporting Agile Teams with a Test Analytics Platform: a Case Study | Olivier Liechti, Jacques Pasquier, Rodney Reis |
| | 11:00am - 11:30am | ICSE17-AST-07 | Efficient Product-Line Testing using Cluster-Based Product Prioritization | Mustafa Al-Hajjaji, Jacob Krüger, Sandro Schulze, Thomas Leich, Gunter Saake |
| | 11:30am - 12:00pm | ICSE17-AST-04 | Tree Preprocessing and Test Outcome Caching for Efficient Hierarchical Delta Debugging | Renáta Hodován, Akos Kiss, Tibor Gyimothy |
| Test Generation | 1:30pm - 2:00pm | ICSE17-AST-02 | Generating Unit Tests with Structured System Interactions | Nikolas Havrikov, Alessio Gambi, Andreas Zeller, Andrea Arcuri, Juan Pablo Galeotti |
| | 2:00pm - 2:30pm | ICSE17-AST-01 | Using Run Time Models for Intelligent Test Automation | Benedikt Eberhardinger, Axel Habermaier, Wolfgang Reif |
| | 2:30pm - 3:00pm | ICSE17-AST-09 | Analyzing Automatic Test Generation Tools for Refactoring Validation | Indy Silva, Everton Alves, Wilkerson L. Andrade |
| Charrett: Group Discussion | 3:30pm - 5:00pm | | Theme: Identification of research problems in current practice of test automation in agile methodology | |

Day 2: 21st May 2017

| Session Name | Time | Paper ID | Title | Author list |
|----------------------------|-------------------|---------------|--|--|
| Keynote | 8:30am - 10:00am | | Gamifying Software Testing | Gordon Fraser |
| Test Automation | 10:30am - 11:00am | ICSE17-AST-05 | DATm: Diderot's Automated Testing Model | Charisee Chiw, John Reppy, Gordon Kindlmann |
| | 11:00am - 11:30am | ICSE17-AST-06 | High-Coverage Testing of Navigation Models in Android Applications | Fernando Paulovsky, Esteban Pavese, Diego Garbervetsky |
| | 11:30am - 12:00pm | ICSE17-AST-08 | dμReg: A Path-Aware Mutation Analysis Guided Approach to Regression Testing | Chang-Ai Sun, Cuiyang Fan, Zhen Wang, Huai Liu |
| Charrett: Group Discussion | 1:30pm - 3:00pm | | Theme: Road map of research for advances in test automation in agile development | |
| Charrett: Panel Discussion | 3:30pm - 5:00pm | | Plenary report | Representatives from each group |