The Symposium on Engineering Test Harness 2013

Day 1: 29 July 2013

Session 1: Efficiency
15:30-17:00
Chair: Changhai Nie

Leveraging a Constraint Solver for Minimizing Test Suites
José Campos, and Rui Abreu

The ART of Divide and Conquer: An Innovative Approach to Improving the Efficiency of Adaptive Random Testing
Cliff Chow, Tsong Yueh Chen, and T.H. Tse

A Theoretical Study: The Impact of Cloning Failed Test Cases on the Effectiveness of Fault Localization (concise paper)

Edward Y. Y. Kan

Day 2: 30 July 2013

Session 2: Adaptiveness
10:30-12:00
Chair: Rui Abreu

Toward Adaptive Combinatorial Testing (concise paper)
Changhai Nie, Hareton Leung, and Kai-Yuan Cai

Similarity-Based Search for Model Checking: a Pilot Study with Java PathFinder
Elmin Ibrahimov, Jixing Wang, and Zhi Quan Zhou

Taming Deadlocks in Multithreaded Programs (concise paper)
Yan Cai, W.K. Chan, and Y.T. Yu

Impacts of Test Suite’s Class Imbalance on Spectrum-Based Fault Localization Techniques

Session 3: Experiences
14:00-15:30
Chair: Bo Jiang

Using the 5W+1H Model in Reporting Systematic Literature Review: A Case Study on Software Testing for Cloud Computing
Changjiang Jia, and Y.T. Yu

Oracles are Hardly Attain’d, And Hardly Understood: Confessions of Software Testing Researchers
W.K. Chan, and T.H. Tse

Incremental Identification of Categories and Choices for Test Case Generation: A Study of the Software Practitioners’ Preferences
Pak-Lok Poon, Tsong Yueh Chen, and T.H. Tse

Regular paper: 30 minutes, including Q & A
Concise paper: 15 minutes, including Q & A