SOFL+MSVL 2015 Workshop Program  
6th November 2015  
Paris, France

9:00 Opening Address  
Shaoying Liu and Zhenhua Duan

9:10 ~ 9:40 Invited Paper (Chair: Shaoying Liu)  
Genericity in PAR Platform  
Jinyun Xue

9:40 ~ 10:55 Modeling and Specification (Chair: Cong Tian)  
Modeling and Verification of an Interrupt System in μC/OS-II with TMSVL  
Yuqin Zhou, Jin Cui, Zhenhua Duan, Cong Tian and Nan Zhang

The Interchange Format of Tabular Expressions Using XML  
Mao Huang, Yihai Chen, Ridha Khedri and Huaikou Miao

A GUI-Aided Approach to Formal Specification Construction  
Shaoying Liu

10:55 ~ 11:15 Coffee break

11:15 ~ 12:30 Testing and Debugging (Chair: Huaikou Miao)  
Automatic Generation of Specification-based Test Cases by Applying Genetic Algorithms in Reinforcement Learning  
Yuji Sato and Taku Sugihara

Fault Localization of Timed Automata using Maximum Satisfiability  
Shin Nakajima and Si-Mohamed Lamraoui

Automated Program Debugging for Multiple Bugs Based on Semantic Analysis  
Aishan Liu

12:30 ~14:00 Lunch
14:00 ~ 15:40 Model Checking and Verification (Chair: Shin Nakajima)
Model Checking Process Scheduling over Multi-core Computer System with MSVL
Xinfeng Shu and Zhenhua Duan

A Method Based on MSVL for Verification of the Social Network Privacy Policy
Xiaobing Wang, Tao Sun and Zhenhua Duan

A Case Study: SOFL + Model Checking for OSEK/VDX Application
Zhuo Cheng, Zhang Haitao, Yasuo Tan and Yuto Lim

On Reachability Problem of Updatable Timed Automata with One Updatable Clock
Yunqing Wen, Guoqiang Li and Shoji Yuen

15:40 ~ 16:00 Coffee break

16:00 ~ 17:40 Algorithm and Transformation (Chair: Zhenhua Duan)
Research on Formal Development of Non-recursive Algorithm of Graph Search
Qimin Hu, Jinyun Xue and Zhen You

LtlNfBa: Making LTL Translation More Practical
Cong Tian and Jun Song

Transforming PPTL Formula to BA and A SPIN Based Model Checker for PPTL
Xiaoming Zhang

Automatic Transformation from SOFL Module Specifications to Program Structures
Xiongwen Luo and Shaoying Liu

17:40~17:45 Closing