

TSA 2016 Session Schedule

Sunday, September 18, 2016, East Lake Shuyuan Hotel		
09:30–20:30	Check in and Registration	Ground Floor

Monday, September 19, 2016, Computer School, Wuhan University		
08:45–09:00	Opening Remarks <ul style="list-style-type: none"> • Steering Committee Chair: W. Eric Wong (University of Texas at Dallas, USA) • General Chair: Baowen Xu (Nanjing University, China) 	E202
09:00–10:00	<ul style="list-style-type: none"> • Keynote Speech <i>Human Factors in Developing Trustworthy IT Systems and Applications</i> Stephen S. Yau Arizona State University, USA 	E202
10:00–10:30	Coffee Break	Foyer
10:30–12:00	<ul style="list-style-type: none"> • Regular Paper Session A • Regular Paper Session B 	E406 E408
12:00–14:00	Lunch Break	Guiyuan Restaurant
14:00–16:00	<ul style="list-style-type: none"> • Regular Paper Session C 	E406
14:00–15:30	<ul style="list-style-type: none"> • Regular Paper Session D 	E408
16:30–20:30	City Tour and Banquet	TBD

Tuesday, September 20, 2016, Computer School, Wuhan University		
08:50–10:30	<ul style="list-style-type: none"> • Short Paper Session A • Short Paper Session B 	E406 E408
10:30–11:00	Coffee Break	Foyer
11:00–12:15	<ul style="list-style-type: none"> • Short Paper Session C • Short Paper Session D 	E406 E408
12:30–14:30	Lunch Break	Guiyuan Restaurant

*Please note that each regular paper will have 30 minutes in total and each short paper will have 25 minutes in total, which include your presentation and question time.

TSA 2016 Program

Sunday, September 18, 2016	
09:30–20:30	Check in and Registration Location: Ground Floor, East Lake Shuyuan Hotel
Monday, September 19, 2016	
08:45–09:00	Opening Remarks Location: E202, Computer School, Wuhan University <ul style="list-style-type: none"> • Steering Committee Chair: W. Eric Wong (University of Texas at Dallas, USA) • General Chair: Baowen Xu (Nanjing University, China)
09:00–10:00	<ul style="list-style-type: none"> • Keynote Speech Chair: William Cheng-Chung Chu Location: E202, Computer School, Wuhan University <i>Human Factors in Developing Trustworthy IT Systems and Applications</i> Stephen S. Yau Arizona State University, USA
10:00–10:30	Coffee Break (Foyer)
10:30–12:00	<ul style="list-style-type: none"> • Regular Paper Session A Chair: Xiaoyuan Xie Location: E406, Computer School, Wuhan University <ul style="list-style-type: none"> ◦ <i>Applying Software-Defined Methodologies to Software Development</i> William Cheng-Chung Chu, Yen-Hua Huang, Chih-Hung Chang, and David Hsu ◦ <i>A General Multiple-Valued Decision Diagram for Reliability Analysis of Fault-Tolerant Systems</i> Jianwen Xiang, Siwei Zhou, Luyao Ye, Shengwu Xiong, and W. Eric Wong ◦ <i>Tracking Down Dynamic Feature Code Changes Against Python Software Evolution</i> Zhifei Chen, Wanwangying Ma, Wei Lin, Lin Chen, and Baowen Xu
10:30–12:00	<ul style="list-style-type: none"> • Regular Paper Session B Chair: W. Eric Wong Location: E408, Computer School, Wuhan University <ul style="list-style-type: none"> ◦ <i>Separation of Concerns in Analysis of Artifact Anomalies within Workflow Models</i> Feng-Jian Wang, Tenny Lu, and Hwai-Jung Hsu ◦ <i>The Normalized-PSO and its Application in Attribute Weighted Optimal Problem</i> Guo Junjie, Gou Jin, Cheng Wang, and Wei Luo ◦ <i>A Copy-move Forgery Detection Scheme with Improved Clone Region Estimation</i> Fei Zhao, Wenchang Shi, Bo Qin, and Bin Liang
12:00–14:00	Lunch Break (Guiyuan Restaurant)

14:00–16:00	<ul style="list-style-type: none"> • Regular Paper Session C Chair: William Cheng-Chung Chu Location: E406, Computer School, Wuhan University ○ <i>X-Prcaf: Xposed based Protecting Cache File from Leaks in Android Social Applications</i> Qi Tang, Wen Zhang, Xiaoyong Li, and Bin Wang ○ <i>Manufacturing Ontology Development based on Industry 4.0 Demonstration Production Line</i> Haibo Cheng, Peng Zeng, Lingling Xue, Zhao Shi, Peng Wang, and Haibin Yu ○ <i>Mutual Exclusion Verification of Peterson's Solution in Isabelle/HOL</i> Xiaojun Ji and Lihua Song ○ <i>What Are the Dominant Projects in the GitHub Python Ecosystem?</i> Wanwangying Ma and Lin Chen
14:00–15:30	<ul style="list-style-type: none"> • Regular Paper Session D Chair: Xinbo Qian Location: E408, Computer School, Wuhan University ○ <i>The Architecture of OPAL for the Software Process Improvement in High Maturity Level</i> Sidou Dong, Aihua Ren, and Xin Wang ○ <i>A Search Based Context-Aware Approach for Understanding and Localizing the Fault via Weighted Call Graph</i> Jingxuan Tu, Xiaoyuan Xie, Yuming Zhou, Lin Chen, and Baowen Xu ○ <i>Fighting Pollution Attack in Peer-to-Peer Streaming Systems: A Dynamic Reputation Management Approach</i> Shiyu Wang, Kun Lu, Mingchu Li, Qilong Zhen, and Xiaoyu Che
16:30–20:30	City Tour and Banquet

Tuesday, September 20, 2016	
08:50–10:30	<ul style="list-style-type: none"> • Short Paper Session A Chair: Guozi Sun Location: E406, Computer School, Wuhan University ○ <i>Design and Implementation of High Performance Television Broadcasting Monitoring System</i> Long Pang, Fengbo Mao, and Yang Liu ○ <i>Laboratory Reliability Testing Design of Solenoid Operated Directional-control Valves for Industrial Application</i> Xinbo Qian ○ <i>Reliability Analysis of Drilling Mud Pump Pressure Cylinder Hydraulic System</i> Gu Deliang ○ <i>Optimized Design of Hierarchical Substation Monitoring Information based on MapReduce Technology</i> Shaoxiao Han, Xianghua Pan, and Chen Li

08:50–10:30	<ul style="list-style-type: none"> • Short Paper Session B Chair: Jiayu Gong Location: E408, Computer School, Wuhan University ○ <i>A Fast Regression Testing Method Using for EMS System Engineering Project</i> Xie Kai and Sun Chao ○ <i>Optimal PMU Placement for the System Observability based on System Topology Model</i> Hongyu Wang, Xingong Cheng, and Xiju Zong ○ <i>Study of Performance Testing of Information System Based on Domestic CPU and OS</i> Li Dong, Xiong Jing, and Yang Chunhui ○ <i>The Combination Determining Weights Method of Factors Affecting Software Reliability</i> Jie Wang, Pei Tian, and Nian-Feng Li
10:30–11:00	<p>Coffee Break (Foyer)</p>
11:00–12:15	<ul style="list-style-type: none"> • Short Paper Session C Chair: Zhifei Chen Location: E406, Computer School, Wuhan University ○ <i>Achieve High Availability about Auto Scale and Auto Heal in OpenStack</i> Jun Xu and Xiaoyong Li ○ <i>An Induction to the Development of Software Quality Model Standards</i> Jiayu Gong and Lizhi Cai ○ <i>Distributed Cloud Storage and Parallel Topology Processing in Power Network</i> Xianlong Lv, Xingong Cheng, and Yongxi Lv
11:00–12:15	<ul style="list-style-type: none"> • Short Paper Session D Chair: Wanwangying Ma Location: E408, Computer School, Wuhan University ○ <i>A Time-space Attribute-based Evidence Fixing Method in Digital Forensics</i> Yu Yang, Guozi Sun, and Chao Li ○ <i>An Empirical Analysis of Incentives for Talent Innovation Behavior</i> Xiaolan Chang and Zhao Yongle ○ <i>Contrast and Analysis about the Characteristics of MPS and CDP in GPU Kepler Architecture</i> Yikang Peng, Zhibin Huang, and Feng Zhou
12:30–14:30	<p>Lunch Break (Guiyuan Restaurant)</p>