

SERE 2014 Session Schedule

Monday, June 30, 2014		
08:30~09:00	Registration	Ballroom Foyer
09:00~09:10	Opening (Dr. Christian Hansen, President, IEEE Reliability Society)	Bordeaux
09:10~10:10	Session I: Keynote Speech I (Professor Doug Tygar, UC Berkeley)	Bordeaux
10:10~10:30	Coffee Break	Ballroom Foyer
10:30~12:00	Session II-A: Failure and Fault Prediction Session II-B: System Performance and Accuracy Analysis Session II-C: Mobile Security	Grand Salon Blue Room Salon 1
12:00~13:30	Lunch Break	Veranda Room
13:30~15:30	Session III-A: Software Testing I Session III-B: Information Assurance Workshop I Session III-C: Trustworthy Computing Workshop I	Grand Salon Blue Room Salon 1
15:30~16:00	Coffee Break	Ballroom Foyer
16:00~18:00	Session IV-A: Software Testing II Session IV-B: Information Assurance Workshop II Session IV-C: Trustworthy Computing Workshop II	Grand Salon Blue Room Salon 1
18:30~20:00	Conference Reception	Veranda Room

Tuesday, July 1, 2014		
09:00~10:00	Session V: Keynote Speech II (Dr. Jeffrey Voas, NIST)	Bordeaux
10:00~10:30	Coffee Break	Ballroom Foyer
10:30~11:30	Session VI: Keynote Speech III (Professor Jian Zhang, Chinese Academy of Sciences)	Bordeaux
11:30~13:30	Lunch Break	Veranda Room
13:30~15:30	Session VII-A: Formal Specification and Strategy Analysis Session VII-B: HSCD Workshop I Session VII-C: Student Doctoral Program	Grand Salon Blue Room Salon 1
15:30~16:00	Coffee Break	Ballroom Foyer
16:00~18:00	Session VIII-A: System Quality & Network Security Session VIII-B: Fast Abstract Session VIII-C: Trustworthy Computing Workshop III	Grand Salon Blue Room Salon 1
18:30~20:00	Conference Banquet & Award Presentation	China Village Seafood Restaurant

Wednesday, July 2, 2014		
09:00~10:00	Session IX: Keynote Speech IV (Professor Kishor Trivedi, Duke University)	Bordeaux
10:00~10:30	Coffee Break	Ballroom Foyer
10:30~12:00	Session X-A: System Security Session X-B: SSCPS Workshop I Session X-C: Trustworthy Computing Workshop IV	Grand Salon Blue Room Salon 1
12:00~13:30	Lunch Break	Veranda Room
13:30~15:30	Session XI-A: SSCPS Workshop II Session XI-B: HSCD Workshop II	Grand Salon Blue Room

SERE 2014 Final Program

Monday, June 30, 2014	
08:30~09:00	Registration
09:00~09:10	Opening <ul style="list-style-type: none"> • President, IEEE Reliability Society – Christian Hansen (Eastern Washington University, USA) • Steering Committee (co-Chair) – W. Eric Wong (University of Texas at Dallas, USA) • Program Chair – Wen-Guey Tzeng (National Chiao Tung University, Taiwan)
09:10~10:10	Session I: Keynote Speech I <i>Adversarial Machine Learning</i> Professor Doug Tygar Department of Computer Science, University of California – Berkeley, USA
10:10~10:30	Coffee Break
10:30~12:00	Session II-A: Failure and Fault Prediction Chair: Wei-Tek Tsai (Arizona State University) <ul style="list-style-type: none"> • <i>A Diversity Model Based on Failure Distribution and Its Application in Safety Cases</i> Luping Chen and John May Safety Systems Research Centre, University of Bristol, UK • <i>The Influence of Developer Quality on Software Fault-Proneness Prediction</i> Yansong Wu, Yibiao Yang, Yangyang Zhao, Hongmin Lu, Yuming Zhou and Baowen Xu State Key Laboratory for Novel Software Technology, Nanjing University, China • <i>A Two-Stage Data Preprocessing Approach for Software Fault Prediction</i> Jiaqiang Chen¹, Shulong Liu¹, Wangshu Liu¹, Xiang Chen^{1,2}, Qing Gu¹ and Daoxu Chen¹ ¹State Key Laboratory for Novel Software Technology, Nanjing University, China ²School of Computer Science and Technology, Nantong University, China
10:30~12:00	Session II-B: System Performance and Accuracy Analysis Chair: Jian Zhang (Chinese Academy of Sciences, China) <ul style="list-style-type: none"> • <i>High Performance Java Card Operating System</i> Mohammad Raafat Eletriby, Mohamed Sobh, Ayman M. Bahaa-Eldin and Hossam M.A. Fahmy Computer and Systems Engineering Department, Ain Shams University, Egypt • <i>Providing Hardware Redundancy for Highly Available Services in Virtualized Environments</i> Azadeh Jahanbanifar¹, Ferhat Khendek¹ and Maria Toeroe² ¹Engineering and Computer Science, Concordia University, Canada ²Ericsson Inc., Canada • <i>Estimating the Accuracy of Dynamic Change-Impact Analysis Using Sensitivity Analysis</i> Haipeng Cai¹, Raul Santelices¹ and Tianyu Xu² ¹University of Notre Dame, USA ²Fudan University, China
10:30~12:00	Session II-C: Mobile Security Chair: Phu Phung (University of Illinois at Chicago) <ul style="list-style-type: none"> • <i>AppMark: A Picture-based Watermark for Android Apps</i> Yingjun Zhang¹ and Kai Chen^{2,3} ¹Trusted Computing and Information, Assurance Laboratory, Institute of Software, Chinese Academy of Sciences, China

	<p>²State Key Laboratory of Information Security, Institute of Information Engineering, Chinese Academy of Sciences, China ³College of IST, Penn State University, USA</p> <ul style="list-style-type: none"> • <i>ADAutomation: An Activity Diagram Based Automated GUI Testing Framework for Smartphone Applications</i> Ang Li, Zishan Qin, Mingsong Chen and Jing Liu Shanghai Key Lab of Trustworthy Computing, East China Normal University, China • <i>BinClone: Detecting Code Clones in Malware</i> Mohammad Reza Farhadi¹, Benjamin C.M. Fung², Philippe Charland³ and Mourad Debbabi¹ ¹Information Systems Engineering, Concordia University, Canada ²School of Information Studies, McGill University, Canada ³Mission Critical Cyber Security Section, Defence R&D Canada – Valcartier, Quebec, Canada
12:00~13:30	Lunch Break
13:30~15:30	<p>Session III-A: Software Testing I Chair: Katerina Goseva-Popstojanova (West Virginia University)</p> <ul style="list-style-type: none"> • <i>Security Test Generation by Answer Set Programming</i> Philipp Zech, Michael Felderer, Basel Katt and Ruth Breu Institute of Computer Science, University of Innsbruck, Austria • <i>Automated Coverage-Driven Test Data Generation Using Dynamic Symbolic Execution</i> Ting Su¹, Geguang Pu¹, Bin Fang¹, Jifeng He¹, Jun Yan², Siyuan Jiang³ and Jianjun Zhao⁴ ¹Shanghai Key Laboratory of Trustworthy Computing, East China Normal University, China ²State Key Laboratory of Computer Science, Chinese Academy of Sciences, China ³Department of Computer Science and Engineering, University of Notre Dame, USA ⁴School of Software, Shanghai Jiao Tong University, China • <i>Rule-based Test Input Generation From Bytecode</i> Weifeng Xu¹, Tao Ding² and Dianxiang Xu³ ¹Department of Computer and Information Science, Gannon University, USA ²Department of Information System, University of Maryland, Baltimore County, USA ³Department of Computer Science, Boise State University, USA • <i>Automatic Test Data Generation for Unit Testing to Achieve MC/DC Criterion</i> Tianyong Wu^{1,2,4}, Jun Yan^{1,2,3} and Jian Zhang³ ¹Technology Center of Software Engineering, Institute of Software, Chinese Academy of Sciences, China ²State Key Laboratory of Rail Traffic Control and Safety, Beijing Jiaotong University, China ³State Key Laboratory of Computer Science, Institute of Software, Chinese Academy of Sciences, China ⁴University of the Chinese Academy of Sciences, China
13:30~15:30	<p>Session III-B: Information Assurance Workshop I Chair: Wei Dong (National University of Defense Technology)</p> <ul style="list-style-type: none"> • <i>FRanC: A Ranking Framework for the Prioritization of Software Maintenance</i> Dhyanesh Chaudhar¹, Mohammad Zulkernine² and Komminist Weldemariam³ ¹Dhyanesh Chaudhari, School of Computing, Queen’s University, Canada ²Mohammad Zulkernine, School of Computing, Queen’s University, Canada ³Komminist Weldemariam, IBM Research Africa, Kenya • <i>A-R Exploit: An Automatic ROP Exploit Based on Long Sequence</i> Chao Yang¹, Tao Zheng^{1,2} and Zhitian Lin¹ ¹Software Institute, Nanjing University, China ²State Key Laboratory for Novel Software Technology of Nanjing University, China

	<ul style="list-style-type: none"> • <i>The Impact of Static and Dynamic Pairs on Pair Programming</i> Rajendran Swamidurai¹ and David Umphress² ¹Department of Mathematics and Computer Science, Alabama State University, USA ²Department of Computer Science and Software Engineering, Auburn University, USA • <i>Diagnosis-Guided Regression Test Refinement</i> J. Jenny Li¹, Patricia Morreale¹ and John Palframan² ¹Computer Science Department, Kean University, USA ²Avaya Labs Research, USA
13:30~15:30	<p>Session III-C: Trustworthy Computing Workshop I Chair: Mingsong Chen (East China Normal University)</p> <ul style="list-style-type: none"> • <i>New Gen2v2-based Mutual Authentication Schemes</i> HungYu Chien Department of Information Management, National Chi-Nan University, Taiwan • <i>MicroApp: Architecting Web Application for Non-Uniform Trustworthiness in Cloud Computing Environment</i> Yen-Chun Hsu¹, Yu-Sung Wu¹, Tsung-Han Tsai¹, Yi-Pin Chiu¹, Chih-Hung Lin² and Zhi-Wei Chen² ¹Department of Computer Science, National Chiao Tung University, Taiwan ²CyberTrust Technology Institute, Institute for Information Industry, Taiwan • <i>A Survey on Network Layer Attacks and AODV Defense in Mobile Ad-hoc Networks</i> Amna Saeed¹, Asad Raza² and Haider Abbas^{3,4} ¹National University of Sciences & Technology, Islamabad, Pakistan ²Information Technology, Majan University College, Muscat, Oman ³Centre of Excellence in Information Assurance, King Saud University, Saudi Arabia • <i>Probabilistic Cycle Detection for Schneier's Solitaire Keystream Algorithm</i> Wiem Tounsi¹, Benjamin Justus¹, Nora Cuppens-Boulahia¹, Frédéric Cuppens¹ and Joaquin Garcia-Alfaro² ¹Institut Mines-Telecom, Télécom Bretagne, Cesson Sévigné, France ²Institut Mines-Telecom, Télécom SudParis, Evry, France
15:30~16:00	Coffee Break
16:00~18:00	<p>Session IV-A: Software Testing II Chair: Raul Santelices (University of Notre Dame)</p> <ul style="list-style-type: none"> • <i>TaaS (Testing-as-a-Service) Design for Combinatorial Testing</i> Wei-Tek Tsai¹, Guanqiu Qi¹, Lian Yu² and Jerry Gao³ ¹School of Computing, Informatics, and Decision Systems Engineering, Arizona State University, USA ²School of Software and Microelectronics, Peking University, China ³College of Engineering, San Jose State University, USA • <i>Generating Test Cases for Context-aware Applications Using Bigraph</i> Lian Yu¹, Wei-Tek Tsai², Yanbing Jiang¹ and Jerry Gao³ ¹School of Software & Microelectronics, Peking University, China ²School of Computing, Information, and Decision System Engineering, Arizona State University, USA ³College of Engineering, San Jose State University, USA • <i>SeTGaM: Generalized Technique for Regression Testing Based on UML/OCL Models</i> Elizabeta Fourneret^{1,2}, Jérôme Cantenot², Fabrice Bouquet², Bruno Legeard^{2,3} and Julien Botella³ ¹SnT Centre, University of Luxembourg, Luxembourg ²FEMTO ST/INRIA Cassis Project, Université de Franche-Comté, France ³Smartesting R&D Center, TEMIS, Besançon, France

	<ul style="list-style-type: none"> • <i>Effective Regression Testing Using Requirements and Risks</i> Charitha Hettiarachchi¹, Hyunsook Do^{1,2} and Byoungju Choi² ¹North Dakota State University, USA ²Ewha Womans University, Korea
16:00~18:00	<p>Session IV-B: Information Assurance Workshop II Chair: Dianxiang Xu (Boise State University)</p> <ul style="list-style-type: none"> • <i>Evaluating Software Safety Standards: A Systematic Review and Comparison</i> W. Eric Wong¹, Tej Gidvani¹, Alfonso Lopez¹, Ruizhi Gao¹ and Matthew Horn² ¹Department of Computer Science, University of Texas at Dallas, USA ²Department of Computer Science, Muhlenberg College, USA • <i>Specification and Analysis of Attribute-Based Access Control Policies: An Overview</i> Dianxiang Xu and Yunpeng Zhang Department of Computer Science, Boise State University, USA • <i>Software Reliability Virtual Testing for Reliability Assessment</i> Jun Ai^{1,2}, Hanyu Pei¹ and Liang Yan³ ¹School of Reliability and System Engineering, Beihang University, China ²Science & Technology Laboratory on Reliability & Environment Engineering, Beihang University, China ³Software Development Center, Industrial and Commercial Bank of China, China
16:00~18:00	<p>Session IV-C: Trustworthy Computing Workshop II Chair: Yunwei Dong (Northwestern Polytechnical University)</p> <ul style="list-style-type: none"> • <i>Seeing Beyond Visibility: A Four Way Fusion of User Authentication for Efficient Usable Security on Mobile Devices</i> Farzana Rahman¹, Md Osman Gani², Golam Mushih Tanimul Ahsan² and Sheikh Iqbal Ahamed² ¹Department of Computer Science, James Madison University, USA ²Department of Math, Statistics and Computer Science, Marquette University, USA • <i>Classification of Partially Labeled Malicious Web Traffic in the Presence of Concept Drift</i> Goce Anastasovski¹ and Katerina Goseva-Popstojanova² ¹Alarm.com, USA ²Lane Department of Computer Science and Electrical Engineering, West Virginia University, USA • <i>CRAXDroid: Automatic Android System Testing by Selective Symbolic Execution</i> Chao-Chun Yeh^{1,3}, Han-Lin Lu³, Chun-Yen Chen³, Kee-Kiat Khor³ and Shih-Kun Huang^{2,3} ¹Computational Intelligence Technology Center, Industrial Technology Research Institute, Taiwan ²Information Technology Service Center, National Chiao Tung University, Taiwan ³Department of Computer Science, National Chiao Tung University, Taiwan • <i>Protection Against Code Obfuscation Attacks Based on Control Dependencies in Android Systems</i> Mariem Graa^{1,2}, Nora Cuppens-Boulahia¹, Frédéric Cuppens¹ and Ana Cavalli² ¹Telecom Bretagne, Cesson Sévigné, France ²Telecom SudParis, Evry, France
18:30~20:00	Conference Reception

Tuesday, July 1, 2014

09:00~10:00	Session V: Keynote Speech II <i>“Imagineering” an Internet of Anything</i> Dr. Jeffery Voas National Institute of Standards and Technology, USA
10:00~10:30	Coffee Break
10:30~11:30	Session VI: Keynote Speech III <i>Constraint-Based Reasoning in Static Analysis and Testing</i> Professor Jian Zhang Institute of Software, Chinese Academy of Sciences, China
11:30~13:30	Lunch Break
13:30~15:30	Session VII-A: Formal Specification and Strategy Analysis Chair: Jianhua Zhao (Nanjing University) <ul style="list-style-type: none"> • <i>Traceability-Based Formal Specification Inspection</i> Mo Li¹ and Shaoying Liu² ¹Graduate School of Computer and Information Sciences, Hosei University, Japan ²Faculty of Computer and Information Sciences, Hosei University, Japan • <i>Specification of Dynamic Fault Tree Concepts with Stochastic Petri Nets</i> Lena Herscheid and Peter Tröger Hasso Plattner Institute, University of Potsdam, Germany • <i>Game-theoretic Strategy Analysis for Data Reliability Management in Cloud Storage Systems</i> Chung-Yi Lin^{1,2} and Wen-Guey Tzeng¹ ¹Department of Computer Science, National Chiao Tung University, Taiwan ²Information and Communication Security Laboratory, Chungwa Telecom Laboratories, Taiwan
13:30~15:30	Session VII-B: HSCD Workshop I Chair: Donghui Guo (Xiamen University) <ul style="list-style-type: none"> • <i>Security Analysis of MAC Protocol for Mobile Device Identification Based on PARADIS</i> Niansheng Liu¹, Huaiyu Dai² and Donghui Guo³ ¹College of Computer Engineering, Jimei University, China ²Department of Electrical and Computer, Engineering, North Carolina State University, USA ³School of Information Science & Technology, Xiamen University, China • <i>Compiler Assisted Instruction Relocation for Performance Improvement of Cache Hit Rate and System Reliability</i> Benbin Chen¹, Lin Li^{1,2}, Yiyang Li¹, Hongyin Luo¹ and Donghui Guo^{1,2} ¹Department of Electronic Engineering, Xiamen University, China ²IC Design & IT Research Center of Fujian Province, Xiamen University, China • <i>Analysis of System Reliability for Cache Coherence Scheme in Multi-Processor</i> Sizhao Li¹, Shan Lin¹, Deming Chen³, W. Eric Wong⁴ and Donghui Guo^{1,2} ¹Department of Electronic Engineering, Xiamen University, China ²IC Design & IT Research Center of Fujian Province, Xiamen University, China ³Department of Electrical and Computer Engineering, University of Illinois at Urbana-Champaign, USA ⁴Department of Computer Science, University of Texas at Dallas, USA • <i>Multiphysics Modeling and Characterization of MicroCVD Chip for Growing Carbon Nanomaterials</i> Long Zheng¹, Yangbing Wu¹, Dan Zhang¹, Liwei Lin² and Donghui Guo¹ ¹Department of Electronic Engineering, Xiamen University, China ²Berkeley Sensor and Actuator Center, University of California – Berkeley, USA

13:30~15:30	<p>Session VII-C: Student Doctoral Program Chair: Jun Ai (BeiHang University)</p> <ul style="list-style-type: none"> • <i>Virtual Machine Migration as a Fault Tolerance Technique for Embedded Real-Time Systems</i> Stefan Groesbrink University of Paderborn, Germany • <i>Using Software Structure Properties as Predictor of Vulnerability Exploitation</i> Awad Younis and Yashwant K. Malaiya Computer Science Department, Colorado State University, USA • <i>A Multi-function Error Detection Policy to Enhance Communication Integrity in Critical Embedded Systems</i> Amira Zammali, Agnan de Bonneval and Yves Crouzet CNRS LAAS and University of Toulouse, France • <i>System Call Anomaly Detection Using Multi-HMMs</i> Esra Yolacan, Jennifer Dy and David Kaeli Department of Electrical and Computer Engineering, Northeastern University, USA
15:30~16:00	<p>Coffee Break</p>
16:00~18:00	<p>Session VIII-A: System Quality & Network Security Chair: Chii-Ren Tsai (Citigroup, Inc.)</p> <ul style="list-style-type: none"> • <i>Fast Discovery of VM-Sensitive Divergence Points with Basic Block Comparison</i> Yen-Ju Liu, Chong-Kuan Chen, Micheal Cheng Yi Cho and Shiuhpyng Shieh Department of Computer Science, National Chiao Tung University, Taiwan • <i>Using Network Tainting to Bound the Scope of Network Ingress Attacks</i> Peter Mell¹ and Richard Harang² ¹National Institute of Standards and Technology, USA ²U.S. Army Research Laboratory, Adelphi, MD ICF International, Baltimore, Maryland, USA • <i>Automatic Numerical Analysis Based on Infinite-precision Arithmetic</i> Shuai Wei¹, Enyi Tang¹, Tianyu Liu¹, Norbert Th. Müller² and Zhenyu Chen¹ ¹State Key Laboratory of Novel Software Technology, Nanjing University, China ²Abteilung Informatik, University of Trier, Germany
16:00~18:00	<p>Session VIII-B: Fast Abstract Chair: Chiatso Chao (National Chiao Tung University)</p> <ul style="list-style-type: none"> • <i>An Accurate Fake Access Point Detection Method Based on Deviation of Beacon Time Interval</i> Kuo-Fong Kao, Wen-Ching Chen, Jui-Chi Chang and Heng-Te Chu Department of Information Networking Technology, Hsiuping University of Science and Technology, Taiwan • <i>How Accurate Is Dynamic Program Slicing? An Empirical Approach to Compute Accuracy Bounds</i> Siyuan Jiang¹, Raul Santelices¹, Haipeng Cai¹ and Mark Grechanik² ¹University of Notre Dame, USA ²University of Illinois at Chicago, USA • <i>On Coverage-Based Attack Profiles</i> Anthony Rivers, Mladen Vouk and Laurie Williams North Carolina State University, USA

16:00~18:00	<p>Session VIII-C: Trustworthy Computing Workshop III Chair: James Wessel (Software Engineering Institute, Carnegie Mellon University)</p> <ul style="list-style-type: none"> • <i>A Light-weight Software Environment for Confining Android Malware</i> Xiaolei Li¹, Guangdong Bai¹, Benjamin Thian¹, Zhenkai Liang¹ and Heng Yin² ¹National University of Singapore, Singapore ²Syracuse University, USA • <i>Analysing Requirements to Detect Latent Security Vulnerabilities</i> Curtis C.R. Busby-Earle¹, Robert B. France² and Indrakshi Ray² ¹University of the West Indies at Mona, Jamaica ²Colorado State University, USA • <i>An Anomaly Detection Module for Firefox OS</i> Bortong Chen, Ming-Wei Shih and Yu-Lun Huang Institute of Electrical and Control Engineering, National Chiao Tung University, Taiwan
18:30~20:00	Conference Banquet & Award Presentation

09:00~10:00	<p>Session IX: Keynote Speech IV</p> <p><i>Software Fault Tolerance</i> Professor Kishor Trivedi Department of Electrical and Computer Engineering, Duke University, USA</p>
10:00~10:30	<p>Coffee Break</p>
10:30~12:00	<p>Session X-A: System Security Chair: Shih-Kun Huang (National Chiao Tung University)</p> <ul style="list-style-type: none"> • <i>A Modal Model of Stuxnet Attacks on Cyber-Physical Systems: A Matter of Trust</i> Gerry Howser and Bruce McMillin Department of Computer Science, Missouri University of Science & Technology, USA • <i>Reliable Repair Mechanisms with Low Connection Cost for Code Based Distributed Storage Systems</i> Hsiao-Ying Lin^{1,2}, Li-Ping Tung¹ and Bao-Shuh Lin¹ ¹Intelligent Information and Communications Research Center, National Chiao Tung University, Taiwan ²CASwell Inc., Taiwan • <i>Collision Analysis of Safety Devices to Prevent Hazards in Safety Critical Systems</i> Jang-Jin Kwon, Doohwan Kim, Jae-Jin Park and Jang Eui Hong Department of Computer Science, Chungbuk National University, Korea
10:30~12:00	<p>Session X-B: SSCPS Workshop I Chair: Ruizhi Gao (University of Texas at Dallas)</p> <ul style="list-style-type: none"> • <i>A Hybrid Clock System Related to STeC Language</i> Yixiang Chen^{1,2} and Yuanri Zhang^{3,4} ¹MoE Engineering Research Center for Software/Hardware Co-design Technology and Application, East China Normal University, China ²Shanghai Key Lab for Trustworthy Computing, East China Normal University, China ³Software Engineering Institute, East China Normal University, China ⁴University of Nice Sophia Antipolis, France • <i>Post-condition-directed Invariant Inference for Loops over Data Structures</i> Juan Zhai^{1,2}, Hanfei Wang¹ and Jianhua Zhao¹ ¹State Key Laboratory for Novel Software Technology, Department of Computer Science and Technology, Nanjing University, China ²Software Institute, Nanjing University, China • <i>A Qualitative Safety Analysis Method for AADL Model</i> Bin Gu, Yunwei Dong and Xiaomin Wei School of Computer Science, Northwestern Polytechnical University, China
10:30~12:00	<p>Session X-C: Trustworthy Computing Workshop IV Chair: Yu-Sung Wu (National Chiao Tung University)</p> <ul style="list-style-type: none"> • <i>Defending ROP Attacks Using Basic Block Level Randomization</i> Xun Zhan¹, Tao Zheng^{1,2} and Shixiang Gao¹ ¹Software Institute, Nanjing University, China ²National Key Laboratory for Novel Software Technology, Nanjing University, China

	<ul style="list-style-type: none"> • <i>Detecting DoS Attacks on Notification Services</i> J. Jenny Li¹ and Tony Savor² ¹Computer Science Department, Kean University, USA ²Facebook Inc., USA
12:00~13:30	Lunch Break
13:30~15:30	<p>Session XI-A: SSCPS Workshop II Chair: Yixiang Chen (East China Normal University)</p> <ul style="list-style-type: none"> • <i>A Load Scheduling Strategy for Electric Vehicles Charging System</i> Zheng Wang¹, Wu Xiao¹ and Hongbin Zhao² ¹School of Computer Science and Technology, Northwestern Polytechnical University, China ²The Center for Information & Communication, Xi'an Power Supply Bureau, China • <i>A Proof System in Process Algebra for Demand and Supply</i> Xinghua Yao and Yixiang Chen MoE Engineering Research Center for Software/Hardware Co-design Technology and Application, East China Normal University, China • <i>A Predictive Runtime Verification Framework for Cyber-Physical Systems</i> Kang Yu, Zhenbang Chen and Wei Dong School of Computer, National University of Defense Technology, China
13:30~15:30	<p>Session XI-B: HSCD Workshop II Chair: Yihao Li (University of Texas at Dallas)</p> <ul style="list-style-type: none"> • <i>A Parameters Tuning Algorithms in Wireless Networks</i> Hua-Ching Chen¹, Hsuan-Ming Feng², Benbin Chen¹ and Donghui Guo¹ ¹Department of Electronic Engineering, Xiamen University, China ²Department of Computer Science and Information, National Quemoy University, Taiwan • <i>Robustness and Fragility of a New Local-World Dynamical Network Model</i> Peizhong Liu^{1,2}, Minghang Wang², Ping Li³ ¹Information Science and Technology College, Xiamen University, China ²College of Engineering, Huaqiao University, China ³Quanzhou No.1 Hospital, Quanzhou, China