

## QRS 2015 Session Schedule

Monday, August 3, 2015		
07:30~08:20	Registration	Foyer
08:20~08:30	Opening Ceremony <ul style="list-style-type: none"> <li>• Steering Committee Chair: Professor W. Eric Wong (University of Texas at Dallas, USA)</li> <li>• General Chair: Professor Christian Hansen (President, IEEE Reliability Society)</li> <li>• Program Chair: Professor Jian Zhang (Chinese Academy of Sciences, China)</li> </ul>	Coastal Mountain Ballroom
08:30~09:30	<ul style="list-style-type: none"> <li>• Keynote Speech I Professor Lionel Briand (University of Luxembourg, Luxembourg)</li> </ul>	Coastal Mountain Ballroom
09:30~10:30	<ul style="list-style-type: none"> <li>• Keynote Speech II Professor Elisa Bertino (Purdue University, USA)</li> </ul>	Coastal Mountain Ballroom
10:30~11:00	Coffee Break	Foyer
11:00~12:00	<ul style="list-style-type: none"> <li>• Session I-A: Fault Injection</li> <li>• Session I-B: Software Quality Prediction I</li> <li>• Session I-C: Software Quality Prediction II</li> <li>• Session I-D: Program Analysis and Verification</li> </ul>	Blackcomb Cypress Grouse Seymour
12:00~13:30	Lunch Break	Whistler + Foyer
13:30~15:30	<ul style="list-style-type: none"> <li>• Session II-A: Software Reliability</li> <li>• Session II-B: Security I</li> <li>• Session II-C: Information Assurance Workshop I</li> <li>• Session II-D: Trustworthy Computing Workshop I</li> </ul>	Blackcomb Cypress Grouse Seymour
15:30~16:00	Coffee Break	Foyer
16:00~18:00	<ul style="list-style-type: none"> <li>• Session III-A: Software Testing I</li> <li>• Session III-B: Formal Modeling</li> <li>• Session III-C: Information Assurance Workshop II</li> <li>• Session III-D: Trustworthy Computing Workshop II</li> </ul>	Blackcomb Cypress Grouse Seymour
18:30~20:00	Conference Reception	Whistler + Foyer

Tuesday, August 4, 2015		
07:30~08:30	Registration	Foyer
08:30~09:30	<ul style="list-style-type: none"> <li>• Keynote Speech III Professor Jifeng He (East China Normal University, China)</li> </ul>	Coastal Mountain Ballroom
09:30~10:30	<ul style="list-style-type: none"> <li>• Keynote Speech IV Professor Shaoying Liu (Hosei University, Japan)</li> </ul>	Coastal Mountain Ballroom
10:30~11:00	Coffee Break	Foyer
11:00~12:00	<ul style="list-style-type: none"> <li>• Session IV-A: Security II</li> <li>• Session IV-B: Software Testing II</li> <li>• Session IV-C: User Authentication and Race Condition</li> </ul>	Blackcomb Cypress Grouse
12:00~13:30	Lunch Break	Seymour + Whistler
13:30~15:30	<ul style="list-style-type: none"> <li>• Session V-A: Empirical Studies</li> <li>• Session V-B: Software Fault Localization</li> <li>• Tutorial I: Professor Karthik Pattabiraman (The University of British Columbia)</li> </ul>	Blackcomb Cypress Grouse
15:30~16:00	Coffee Break	Foyer
16:00~18:00	<ul style="list-style-type: none"> <li>• Session VI-A: MVV Workshop</li> <li>• Session VI-B: SSCPS Workshop</li> </ul>	Blackcomb Cypress

	<ul style="list-style-type: none"> <li>• Tutorial I: Professor Karthik Pattabiraman (The University of British Columbia)</li> </ul>	Grouse
18:30~20:00	Conference Banquet & Award Presentation	Seymour + Whistler

Wednesday, August 5, 2015		
07:30~08:30	Registration	Foyer
08:30~09:30	<ul style="list-style-type: none"> <li>• Keynote Speech V Professor T. Y. Chen (Swinburne University of Technology, Australia)</li> </ul>	Coastal Mountain Ballroom
09:30~10:30	<ul style="list-style-type: none"> <li>• Plenary Panel on Security of IoT (Internet of Things) Professor Steve Yau (Arizona State University) Dr. Jeff Voas (NIST) Professor Elisa Bertino (Purdue University) Dr. Tim Grance (NIST)</li> </ul>	Coastal Mountain Ballroom
10:30~11:00	Coffee Break	Foyer
11:00~12:00	<ul style="list-style-type: none"> <li>• Session VII-A: Fast Abstract</li> <li>• Session VII-B: Data Mining and Obfuscation</li> <li>• Tutorial II: Dr. Baljeet Malhotra (SAP Canada Inc.)</li> </ul>	Blackcomb Cypress Grouse
12:00~13:30	Lunch Break	Seymour
13:30~15:30	<ul style="list-style-type: none"> <li>• Session VIII-A: HSASQ Workshop</li> <li>• Session VIII-B: SEKM Workshop</li> <li>• Tutorial II: Dr. Baljeet Malhotra (SAP Canada Inc.)</li> </ul>	Blackcomb Cypress Grouse

## QRS 2015 Final Program

Monday, August 3, 2015	
07:30~08:20	<b>Registration</b> (Foyer)
08:20~08:30	<b>Opening Ceremony</b> Coastal Mountain Ballroom <ul style="list-style-type: none"> <li>• Steering Committee Chair: Professor W. Eric Wong (University of Texas at Dallas, USA)</li> <li>• General Chair: Professor Christian Hansen (President, IEEE Reliability Society)</li> <li>• Program Chair: Professor Jian Zhang (Chinese Academy of Sciences, China)</li> </ul>
08:30~09:30	<ul style="list-style-type: none"> <li>• <b>Keynote Speech I</b> Coastal Mountain Ballroom</li> </ul> <p style="text-align: center;"><i>Scalable Software Testing and Verification through Heuristic Search and Optimization: Experiences and Lessons Learned</i></p> <p style="text-align: center;">Professor Lionel Briand (University of Luxembourg, Luxembourg)</p>
09:30~10:30	<ul style="list-style-type: none"> <li>• <b>Keynote Speech II</b> Coastal Mountain Ballroom</li> </ul> <p style="text-align: center;"><i>Data Protection from Insider Threats – Concepts and Research Issues</i></p> <p style="text-align: center;">Professor Elisa Bertino (Purdue University, USA)</p>
10:30~11:00	<b>Coffee Break</b> (Foyer)
11:00~12:00	<ul style="list-style-type: none"> <li>• <b>Session I-A: Fault Injection</b> Chair: W. K. Chan Room: Blackcomb</li> </ul> <ul style="list-style-type: none"> <li>○ <i>Hovac: A Configurable Fault Injection Framework for Benchmarking the Dependability of C/C++ Applications</i> Lena Herscheid, Daniel Richter, and Andreas Polze</li> <li>○ <i>LLFI: An Intermediate Code-Level Fault Injection Tool for Hardware Faults</i> Qining Lu, Mostafa Farahani, Jiesheng Wei, Anna Thomas, and Karthik Pattabiraman</li> </ul>
11:00~12:00	<ul style="list-style-type: none"> <li>• <b>Session I-B: Software Quality Prediction I</b> Chair: Anneliese Andrews Room: Cypress</li> </ul> <ul style="list-style-type: none"> <li>○ <i>Deep Learning for Just-In-Time Defect Prediction</i> Xinli Yang, David Lo, Xin Xia, Yun Zhang, and Jianling Sun</li> <li>○ <i>Predicting Vulnerable Components Via Text Mining or Software Metrics? An Effort-aware Perspective</i> Yaming Tang, Fei Zhao, Yibiao Yang, Hongmin Lu, Yuming Zhou, and Baowen Xu</li> </ul>
11:00~12:00	<ul style="list-style-type: none"> <li>• <b>Session I-C: Software Quality Prediction II</b> Chair: Deron Liang Room: Grouse</li> </ul>

	<ul style="list-style-type: none"> <li>○ <i>An Empirical Study of Dynamic Incomplete-case Nearest Neighbor Imputation in Software Quality Data</i> Jianglin Huang, Hongyi Sun, Yan-Fu Li, and Min Xie</li> <li>○ <i>Cross-project Aging Related Bug Prediction</i> Fangyun Qin, Zheng Zheng, Chenggang Bai, Yu Qiao, Zhenyu Zhang, and Cheng Chen</li> </ul>
11:00~12:00	<ul style="list-style-type: none"> <li>● <b>Session I-D: Program Analysis and Verification</b> Chair: Birgit Hofer Room: Seymour</li> <li>○ <i>Abstracting Program Dependencies Using the Method Dependence Graph</i> Haipeng Cai and Raul Santelices</li> <li>○ <i>Node-set Analysis for Linked Recursive Data Structures</i> Zhenhao Tang, Hanfei Wang, Bin Li, Juan Zhai, Jianhua Zhao, and Xuandong Li</li> </ul>
12:00~13:30	<b>Lunch Break</b> (Whistler + Foyer)
13:30~15:30	<ul style="list-style-type: none"> <li>● <b>Session II-A: Software Reliability</b> Chair: Junhua Ding Room: Blackcomb</li> <li>○ <i>A New Framework and Application of Software Reliability Estimation Based on Fault Detection and Correction Processes</i> Yu Liu, Min Xie, Jianfeng Yang, and Ming Zhao</li> <li>○ <i>Robustness of Non-homogeneous Gamma Process-based Software Reliability Models</i> Yasuhiro Saito and Tadashi Dohi</li> <li>○ <i>Fine-Grained Software Reliability Estimation Using Software Testing Inputs</i> Hiroyuki Okamura, Yuki Takekoshi, and Tadashi Dohi</li> <li>○ <i>On the Viability of Using SRGMs for IT Help Desk Incident Predictions</i> Anneliese Andrews and Joseph Lucente</li> </ul>
13:30~15:30	<ul style="list-style-type: none"> <li>● <b>Session II-B: Security I</b> Chair: Steve Yau Room: Cypress</li> <li>○ <i>Assessing Security to Compare Architecture Alternatives of Component-Based Systems</i> Axel Busch, Misha Strittmatter, and Anne Koziolk</li> <li>○ <i>An Anomaly Detection System Based on Ensemble of Detectors with Effective Pruning Techniques</i> Amirreza Soudi, Wael Khreich, and Abdelwahab Hamou-Lhadj</li> <li>○ <i>System Call-based Detection of Malicious Processes</i> Raymond Canzanese, Spiros Mancoridis, and Moshe Kam</li> <li>○ <i>An Approach for Authenticating Smartphone Users Based on Histogram Features</i> Chien-Cheng Lin, Chin-Chun Chang, and Deron Liang</li> </ul>

13:30~15:30	<ul style="list-style-type: none"> <li>• <b>Session II-C: Information Assurance Workshop I</b> Chair: Yu-Lun Huang Room: Grouse</li> <li>○ <i>Analyzing Packet Forwarding Schemes for Selfish Behavior in MANETs</i> Asad Raza, Haider Abbas, and Mohammed Siddique</li> <li>○ <i>Assessing Real-time Malware Threats</i> Matthias Gander, Clemens Sauerwein, and Ruth Breu</li> <li>○ <i>An AST-based Approach to Classifying Defects</i> Changsong Liu, Yanagyang Zhao, Yibiao Yang, Hongmin Lu, Yuming Zhou, and Baowen Xu</li> <li>○ <i>Selective Regression Testing of Safety-Critical Systems: A Black Box Approach</i> Anneliese Andrews, Salwa Elakeili, and Ahmed Alhaddad</li> </ul>
13:30~15:30	<ul style="list-style-type: none"> <li>• <b>Session II-D: Trustworthy Computing Workshop I</b> Chair: Jing Tian Room: Seymour</li> <li>○ <i>An Adaptive Control Strategy for Resource Allocation of Service-based Systems in Cloud Environment</i> Siqian Gong, Beibei Yin, Wenlong Zhu, and Kaiyuan Cai</li> <li>○ <i>Detecting Security Threats Using Mobile Devices</i> J. Jenny Li, Peter Abbate, and Brian Vega</li> <li>○ <i>PURITY: A Planning-based secURITY Testing Tool</i> Josip Bozic and Franz Wotawa</li> <li>○ <i>Software Network Models Based on Dynamic Execution for Fault Propagation Research</i> Linzhi Huang, Jun Ai, and Hanyu Pei</li> </ul>
15:30~16:00	<p><b>Coffee Break</b> (Foyer)</p>
16:00~18:00	<ul style="list-style-type: none"> <li>• <b>Session III-A: Software Testing I</b> Chair: Min Xie Room: Blackcomb</li> <li>○ <i>PORA: Proportion-Oriented Randomized Algorithm for Test Case Prioritization</i> Bo Jiang, W. K. Chan, and T. H. Tse</li> <li>○ <i>Combinatorial Testing for Tree-Structured Test Models with Constraints</i> Takashi Kitamura, Akihisa Yamada, Goro Hatayama, Cyrille Artho, Eun-Hye Choi, Ngoc Thi Bich Do, Yutaka Oiwa, and Shinya Sakuragi</li> <li>○ <i>How Effective Are Code Coverage Criteria?</i> Hadi Hemmati</li> <li>○ <i>Multi-Perspective Regression Test Prioritization for Time-constrained Environments</i> Dusica Marijan</li> </ul>

16:00~18:00	<ul style="list-style-type: none"> <li>• <b>Session III-B: Formal Modeling</b> Chair: Tadashi Dohi Room: Cypress</li> <li>○ <i>Formalizing Semantic Differences between Combining Algorithms in XACML 3.0 Policies</i> Dianxiang Xu, Yunpeng Zhang, and Ning Shen</li> <li>○ <i>An Event-based Formal Framework for Dynamic Software Update</i> Shengwei An, Xiaoxing Ma, Chun Cao, Ping Yu, and Chang Xu</li> <li>○ <i>A Case Study on Code Generation of an ERP System from Event-B</i> Nestor Catano and Tim Wahls</li> <li>○ <i>HSD: Hybrid MARTE Sequence Diagram</i> Lulu Yao, Jing Liu, Yan Zhang, Yuejun Wang, Haiying Sun, Qingsheng Wang, Dehui Du, and Xiaohong Chen</li> </ul>
16:00~18:00	<ul style="list-style-type: none"> <li>• <b>Session III-C: Information Assurance Workshop II</b> Chair: Xiao Xiao Room: Grouse</li> <li>○ <i>Efficiently Testing Intelligent Transportation System in Simulation Environment</i> Xu Zhao and Yan Wang</li> <li>○ <i>A Fault Propagation Model for Embedded Software</i> Yan Xiaobo, Wang Yichen, Zhu Anzhi, and Wang Yikun</li> <li>○ <i>Feature Selection and Analysis of Diffraction Images</i> Sai Kiran Thati, Junhua Ding, Dongmei Zhang, and Xin Hua Hu</li> <li>○ <i>An Attributes-based Allocation Approach of Software Trustworthy Degrees</i> Yujing Ma, Yixiang Chen, and Bin Gu</li> </ul>
16:00~18:00	<ul style="list-style-type: none"> <li>• <b>Session III-D: Trustworthy Computing Workshop II</b> Chair: Karthik Pattabiraman Room: Seymour</li> <li>○ <i>Securing Scientific Workflows</i> Donghoon Kim and Mladen A. Vouk</li> <li>○ <i>On the Effect of Counters in Guard Conditions When State-based Multi-objective Testing</i> Nesa Asoudeh and Yvan Labiche</li> <li>○ <i>An Adjustable Risk Assessment Method for a Cloud System</i> Chi-An Chih and Yu-Lun Huang</li> <li>○ <i>Diagnosing SDN Network Problems by Using Spectrum-based Fault Localization Techniques</i> Hsia-Hsiang Chen, Han-Lin Lu, Shih-Kun Huang, Ruizhi Gao, and W. Eric Wong</li> </ul>
18:30~20:00	<p><b>Conference Reception</b> (Whistler + Foyer)</p>

Tuesday, August 4, 2015	
07:30~08:30	<b>Registration</b> (Foyer)
08:30~09:30	<ul style="list-style-type: none"> <li>• <b>Keynote Speech III</b> Coastal Mountain Ballroom</li> </ul> <p style="margin-left: 20px;"><i>A Hybrid Relational Modeling Language</i> Professor Jifeng He (East China Normal University, China)</p>
09:30~10:30	<ul style="list-style-type: none"> <li>• <b>Keynote Speech IV</b> Coastal Mountain Ballroom</li> </ul> <p style="margin-left: 20px;"><i>Integrating Specification Animation with Specification-Based Program Testing and Inspection for Software Quality Assurance</i> Professor Shaoying Liu (Hosei University, Japan)</p>
10:30~11:00	<b>Coffee Break</b> (Foyer)
11:00~12:00	<ul style="list-style-type: none"> <li>• <b>Session IV-A: Security II</b> Chair: Dianxiang Xu Room: Blackcomb</li> </ul> <ul style="list-style-type: none"> <li>○ <i>Potential Component Leaks in Android Apps: An Investigation into a New Feature Set for Malware Detection</i> Li Li, Kevin Allix, Daoyuan Li, Alexandre Bartel, Tegawendé Bissyandé, and Jacques Klein</li> <li>○ <i>Machine Learning based Hybrid Behavior Models for Android Malware Analysis</i> Hsin-Yu Chuang and Sheng-De Wang</li> </ul>
11:00~12:00	<ul style="list-style-type: none"> <li>• <b>Session IV-B: Software Testing II</b> Chair: James Wessel Room: Cypress</li> </ul> <ul style="list-style-type: none"> <li>○ <i>Attack Pattern-Based Combinatorial Testing with Constraints for Web Security Testing</i> Josip Bozic, Bernhard Garn, Ioannis Kapsalis, Dimitris Simos, Severin Winkler, and Franz Wotawa</li> <li>○ <i>On the Relationship between Model Coverage and Code Coverage Using MATLAB's Simulink</i> Yunwei Dong, Zhe Li, and Dave Towey</li> </ul>
11:00~12:00	<ul style="list-style-type: none"> <li>• <b>Session IV-C: User Authentication and Race Condition</b> Chair: Tolga Ayav Room: Grouse</li> </ul> <ul style="list-style-type: none"> <li>○ <i>An Effective Approach to Continuous User Authentication for Touch Screen Smart Devices</i> (invited paper) Arun Balaji Buduru and Stephen S. Yau</li> <li>○ <i>Uncertainty Analysis of Race Conditions in Real-time Systems</i> Shan He, Sizhao Li, Yan Chen, and Donghui Guo</li> </ul>
12:00~13:30	<b>Lunch Break</b> (Seymour + Whistler)
13:30~15:30	<ul style="list-style-type: none"> <li>• <b>Session V-A: Empirical Studies</b> Chair: Tim Grance Room: Blackcomb</li> </ul>

	<ul style="list-style-type: none"> <li>○ <i>Known XML Vulnerabilities Are Still a Threat to Popular Parsers and Open Source Systems</i> Sadeeq Jan, Cu D. Nguyen, and Lionel Briand</li> <li>○ <i>Are Anti-patterns Coupled? An Empirical Study</i> Wanwangying Ma, Lin Chen, Yuming Zhou, Baowen Xu, and Xiaoyu Zhou</li> <li>○ <i>Comparing and Evaluating CVSS Base Metrics and Microsoft Rating System</i> Awad Younis and Yashwant. K. Malaiya</li> <li>○ <i>An Empirical Study of Highly-impactful Bugs in Mozilla Projects</i> Le An and Foutse Khomh</li> </ul>
13:30~15:30	<ul style="list-style-type: none"> <li>● <b>Session V-B: Software Fault Localization</b> Chair: Yunwei Dong Room: Cypress</li> <li>○ <i>ASR: Abstraction Subspace Reduction for Exposing Atomicity Violation Bugs in Multithreaded Programs</i> Shangru Wu, Chunbai Yang, and W. K. Chan</li> <li>○ <i>Fault Localization in the Light of Faulty User Input</i> Birgit Hofer and Franz Wotawa</li> <li>○ <i>A Fault-Localization Approach Based on the Coincidental Correctness Probability</i> Xiaoli Zhou, Hanfei Wang, and Jianhua Zhao</li> <li>○ <i>Is Learning-to-rank Cost-effective in Recommending Relevant Files for Bug Localization?</i> Fei Zhao, Yaming Tang, Yibiao Yang, Hongmin Lu, Yuming Zhou, and Baowen Xu</li> </ul>
13:30~15:30	<ul style="list-style-type: none"> <li>● <b>Tutorial I: Modern Web Applications' Reliability Engineering</b> Room: Grouse Professor Karthik Pattabiraman The University of British Columbia, Canada</li> </ul>
15:30~16:00	<b>Coffee Break</b> (Foyer)
16:00~18:00	<ul style="list-style-type: none"> <li>● <b>Session VI-A: MVV Workshop</b> Chair: Zhenyu Chen Room: Blackcomb</li> <li>○ <i>Automated Detection of Information Flow Vulnerabilities in UML State Charts and C Code</i> Paul Muntean, Adnan Rabbi, Andreas Ibing, and Claudia Eckert</li> <li>○ <i>Boolean Differentiation for Formalizing Myers' Cause-Effect Graph Testing Technique</i> Tolga Ayav and Fevzi Belli</li> <li>○ <i>On Proposing a Test Oracle Generator Based on Static and Dynamic Source Code Analysis</i> Alessandro Arantes, Valdivino A. de Santiago Junior, and Nandamudi L. Vijaykumar</li> </ul>



16:00~18:00	<ul style="list-style-type: none"> <li>• <b>Session VI-B: SSCPS Workshop</b> Chair: Yixiang Chen Room: Cypress</li> <li>○ <i>Code Generation for Abstract Data Types based on Program Analysis</i> LI Bin, LIU Jun, and ZHAO Jianhua</li> <li>○ <i>PSTEP: A Novel Probabilistic Event Processing Language for Uncertain Spatio-Temporal Event Streams of Internet of Vehicles</i> Huiyong Li, Yuanrui Zhang, and Yixiang Chen</li> <li>○ <i>The Legitimacy Detection for Multilevel Hybrid Cloud Algorithm Based Data Access</i> Na LI, Yunwei Dong, Che Tianwei, Chao WANG, and Yang GAO</li> <li>○ <i>A Model Language for Describing Spatio-Temporal Changes</i> Xinghua Yao and Jie Zhou</li> </ul>
16:00~18:00	<ul style="list-style-type: none"> <li>• <b>Tutorial I: Modern Web Applications' Reliability Engineering</b> Room: Grouse Professor Karthik Pattabiraman The University of British Columbia, Canada</li> </ul>
18:30~20:00	<b>Conference Banquet &amp; Award Presentation</b> (Seymour + Whistler)

<b>Wednesday, August 5, 2015</b>	
07:30~08:30	<b>Registration</b> (Foyer)
08:30~09:30	<ul style="list-style-type: none"> <li>• <b>Keynote Speech V</b> Coastal Mountain Ballroom</li> <li><i>Metamorphic Testing: A Simple Method for Testing Non-Testable Programs</i> Professor T. Y. Chen (Swinburne University of Technology, Australia)</li> </ul>
09:30~10:30	<ul style="list-style-type: none"> <li>• <b>Plenary Panel on Security of IoT (Internet of Things)</b> Coastal Mountain Ballroom</li> <li>Professor Steve Yau (Arizona State University) Dr. Jeff Voas (NIST) Professor Elisa Bertino (Purdue University) Dr. Tim Grance (NIST)</li> </ul>
10:30~11:00	<b>Coffee Break</b> (Foyer)
11:00~12:00	<ul style="list-style-type: none"> <li>• <b>Session VII-A: Fast Abstract</b> Chair: Jing Liu Room: Blackcomb</li> <li>○ <i>Software Intensity Function Prediction by Haar Wavelet Regression</i> Xiao Xiao</li> <li>○ <i>A Preliminary Analysis and Case Study of Feature-based Software Customization</i> Yufei Jiang, Can Zhang, Dinghao Wu, and Peng Liu</li> <li>○ <i>Critical Nodes Evaluation in Large-Scale Software Based on Static Structure and Runtime Information</i> Ye Qian, Lu Minyan, and Li Luyi</li> </ul>

	<ul style="list-style-type: none"> <li>○ <i>Towards Transformation from UML to Event-B</i> Hu Siyuan and Zhang Hong</li> </ul>
11:00~12:00	<ul style="list-style-type: none"> <li>● <b>Session VII-B: Data Mining and Obfuscation</b> Chair: Hadi Hemmati Room: Cypress</li> <li>○ <i>Mining Potential Information for Multiclass Microarray Data Using Centroid-based Dimension Reduction</i> Shun Guo and Donghui Guo</li> <li>○ <i>Data Obfuscation for Privacy and Confidentiality in Cloud Computing</i> Khaled M. Khan and Mahboob Shaheen</li> </ul>
11:00~12:00	<ul style="list-style-type: none"> <li>● <b>Tutorial II: Good Governance of Open Source Software and Services at Enterprises: Some Key Principles</b> Room: Grouse Dr. Baljeet Malhotra SAP Canada Inc., Canada</li> </ul>
12:00~13:30	<b>Lunch Break</b> (Seymour)
13:30~15:30	<ul style="list-style-type: none"> <li>● <b>Session VIII-A: HSASQ Workshop</b> Chair: Ziyuan Wang Room: Blackcomb</li> <li>○ <i>UT-LDA Based Similarity Computing in Microblog</i> Weifeng Zhang, Tianhao Pan, Yun Wang, Ziyuan Wang, and Lei Xu</li> <li>○ <i>An Empirical Study of Developer Quality</i> Yilin Qiu, Weiqiang Zhang, Weiqin Zou, Jia Liu, and Qin Liu</li> <li>○ <i>Case Study of Requirements-based Test Case Generation on an Automotive Domain</i> Jeong Soo Eo, Hae Ryong Choi, Ruizhi Gao, Shou-yu Lee, and W. Eric Wong</li> <li>○ <i>A Test Data Generation Approach for Automotive Software</i> Jungui Zhou, Zhiyi Zhang, Peizhang Xie, and Jingyu Wang</li> </ul>
13:30~15:30	<ul style="list-style-type: none"> <li>● <b>Session VIII-B: SEKM Workshop</b> Chair: Jianwen Xiang Room: Cypress</li> <li>○ <i>Facilitating Information Management in Integrated Development Environments through Visual Interface Enhancements</i> Haipeng Cai</li> <li>○ <i>A Refined Algorithm for Reachability Analysis of Updatable Timed Automata</i> Bingbing Fang, Guoqiang Li, Ling Fang, and Jianwen Xiang</li> <li>○ <i>A Survey on Knowledge Management in Software Engineering</i> Shanmuganathan Vasanthapriyan, Jing Tian, and Jianwen Xiang</li> <li>○ <i>Service Systems Development Based on a Knowledge Synthesis Methodology</i> Y. Nakamori, F. Meng, M. Kosaka, J. Tian, and J. W. Xiang</li> </ul>
13:30~15:30	<ul style="list-style-type: none"> <li>● <b>Tutorial II: Good Governance of Open Source Software and Services at Enterprises: Some Key Principles</b> Room: Grouse Dr. Baljeet Malhotra SAP Canada Inc., Canada</li> </ul>