



TENTATIVE PROGRAMME*

Monday, 2 December 2019: APSEC 2019 Workshop	
8:30 am	Registration
9:00 am	Welcome Speech by Assoc. Prof. Dr. Wan Mohd Nasir Wan Kadir, APSEC 2019 Tutorial and Industry Chair
9:30 am	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>Software Engineering Education Workshop (SEED 2019) Venue: Zenith 3</p> <p>Understanding the Decision-Making of Students in Requirements Engineering Course Projects <i>Tianqing Liu, Peng Liang, Chen Yang, Zhuang Xiong, Chong Wang and Ruiyin Li</i></p> <p>Toward Industry Oriented Software Engineering Project Course: A Pilot Study <i>Yu Liu, Ju Yan and Daqing Hou</i></p> </div> <div style="width: 48%;"> <p>7th International Workshop on Quantitative Approaches to Software Quality (QuASoQ 2019) Venue: Zenith 4</p> <p>Empirical Study of Fault Introduction Focusing on the Similarity among Local Variable Names <i>Hirohisa Aman, Sousuke Amasaki, Tomoyuki Yokogawa and Minoru Kawahara</i></p> <p>An Empirical Study on Progressive Sampling for Just-in-Time Software Defect Prediction <i>Xingguang Yang, Huiqun Yu, Guisheng Fan, Kang Yang and Kai Shi</i></p> </div> </div>
10:30 am	Tea break
11:00 am	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>Teaching Object-Oriented Modeling as a Part of Programming Courses <i>Hidehiko Masuhara</i></p> <p>Collaborative Learning Strategies in Software Engineering Course <i>Shailey Chawla</i></p> <p>Literature Reviews on Applying Artificial Intelligence/Machine Learning to Software Engineering Research Problems: Preliminary <i>Pornsiri Muenchaisri</i></p> </div> <div style="width: 48%;"> <p>A Code Clone Curation -Towards Scalable and Incremental Clone Detection <i>Masayuki Doi, Yoshiki Higo and Shinji Kusumoto</i></p> <p>An Experiment to Compare Combinatorial Testing in the Presence of Invalid Values <i>Konrad Fögen and Horst Lichter</i></p> <p>Studying Multifaceted Collaboration of OSS Developers and its impact on Bug Fixing Performance <i>Mahen Gandhi, Amit Kumar, Yugandhar Desai and Sonali Agarwal</i></p> <p>Prioritization of EA Debts Facilitating Portfolio Theory <i>Yoon Chow Yeong, Simon Hacks and Horst Lichter</i></p> </div> </div>
1:00 pm	Lunch
2:00 pm	<p>1st International Workshop on Experience with SQuaRE Series & their Future Direction (IWESQ 2019) Venue: Zenith 3</p>

	<p>Revisiting the Quality in Use Model <i>Raul Martinez</i></p> <p>Examples of practical use of ISO 25000 <i>Andrea Trenta and Domenico Natale</i></p> <p>Quality Consideration for e-Learning System based on ISO/IEC 25000 Quality Standard <i>Aedah Abd Rahman</i></p> <p>Usability in Software Development Process: Proposal of Society/Stakeholder Centered Design (SCD) <i>Shinichi Fukuzumi and Nowky Hirasawa</i></p> <p>Introduction of Test Management based on Quality Characteristics <i>Daiju Kato, Ayako Okuyama and Hiroshi Ishikawa</i></p> <p>Research on Quality Model of Industrial Application Software <i>Yangyang Zhang, Xiaojian Liu and Xun Sun</i></p> <p>Hidden-use Case for Eliciting Quality in Use <i>Natsuko Noda, Tomoji Kishi and Shin'ichi Fukuzumi</i></p>	
4:45 pm	Tea break	

Tuesday, 3 December 2019: APSEC 2019 Conference Day I		
8:30 am	Registration	
9:00 am	<p>Parallel Session I: Model-Driven & Domain Specific Engineering Chair: Assoc. Prof. Dr. Wan Mohd Nasir Wan Kadir (Universiti Teknologi Malaysia) Venue: Cashmere Level 1</p> <p>84: Using Bayesian Networks for a Cyberattacks Propagation Analysis in Systems-of-Systems <i>Jamal El Hachem (Universite Pau & Pays Adour, LIUPPA), Ali Sedaghatbaf, Elena Lisova and Aida Causevic (Malardalen University)</i></p> <p>87: Model-Driven Engineering for Delta-Oriented Software Product Lines <i>Maya R. A. Setyautami, Rafiano R. Rubiantoro and Ade Azurat (Universitas Indonesia, Indonesia)</i> Software Comprehension, Visualisation, & Traceability: 194</p> <p>194: Neural Comment Generation for Source Code with Auxiliary Code Classification Task <i>Minghao Chen and Xiaojun Wan (Peking University, Beijing, China)</i></p>	<p>Parallel Session II: Software Maintenance & Evolution Chair: Dr. Shuib Basri (Universiti Teknologi Petronas) Venue: Zenith 4</p> <p>106: History Coupling Space: A New Model to Represent Evolutionary Relations <i>Ran Mo and Mengya Zhan (Central China Normal University, Wuhan, China)</i></p> <p>122: Mercem: Method Name Recommendation Based on Call Graph Embedding <i>Hiroshi Yonai, Yasuhiro Hayase and Hiroyuki Kitagawa (University of Tsukuba, Japan)</i></p> <p>184: Quality Assessment for Large-Scale Industrial Software Systems: Experience Report at Alibaba <i>Chen Zhi, Shuiguang Deng (Zhejiang University, Hangzhou, China) (Alibaba-Zhejiang University Joint Institute of Frontier Technologies, Hangzhou, China), Jianwei Yin (Zhejiang University, Hangzhou, China), Hai Zhu, Yuanping Li</i></p>

		(Alibaba Group, Hangzhou, China), Min Fu (Alibaba Group, Hangzhou, China) (Macquarie University, Sydney, Australia) and Tao Xie (Key Laboratory of High Confidence Software Technologies (Peking University), Ministry of Education, China)
10:00 am	Tea break	
10:30 am	Opening Ceremony Greetings from Prof. Dr. Sooyong Park, Chair of Asia-Pacific Software Engineering Conference (APSEC) Steering Committee Opening Speech by Prof. Dr. Shamsul Sahibuddin, APSEC 2019 General Chair, Pro-Vice Chancellor of Universiti Teknologi Malaysia, KL Campus Venue: Cashmere Level 1	
11:30 am	Keynote Speech: The Role of Users in Contemporary Software Development and Digital Transformation by Prof. Dr. Didar Zowghi, University of Technology Sydney (UTS), Australia Venue: Cashmere Level 1	
12:30 pm	Lunch	
2:00 pm	Parallel Session III: Requirements Engineering Chair: Prof. Dr. Pornsiri Muenchaisri (Chulalongkorn University) Venue: Cashmere Level 1 46: A Domain Experts Centric Approach to Formal Requirements Modeling and V&V of Embedded Control Software <i>Weikai Miao, Qianqian Yan, Yihao Huang, Jinciao Feng and Hanyue Zheng (East China Normal University, Shanghai, China)</i> 82: Enhancing Unsupervised Requirements Traceability with Sequential Semantics <i>Lei Chen, Dandan Wang, Junjie Wang and Qing Wang (Institute of Software Chinese Academy of Sciences, Beijing, China)</i> 126: MBRP: Model-based Requirements Prioritization Using PageRank Algorithm <i>Muhammad Abbas, Mehrdad Saadatmand (Research Institutes of Sweden, Västerås, Sweden), Irum Inayat, Naila Jan (National University of Computer & Emerging Sciences Islamabad, Pakistan), Eduard Paul Enoiu and Daniel Sundmark (Mälardalen University, Västerås, Sweden)</i> 181: Exploring Semantics of Software Artifacts to Improve Requirements Traceability Recovery: A Hybrid Approach <i>Wang Shiheng, Tong Li and Zhen Yang (Beijing University of Technology, China)</i> Software Architecture, Modelling & Design 85: Towards the Mechanized Semantics and Refinement of UML Class Diagrams <i>Feng Sheng, Huibiao Zhu and Zongyuan Yang (East China Normal University,</i>	Parallel Session IV: Testing Verification and Validation Chair: Prof. Dr. Deron Liang (National Central University) Venue: Zenith 4 17: Adaptive Random Testing for XSS Vulnerability <i>Chengcheng Lv, Fanping Zeng (University of Science and Technology of China, Hefei, China), Long Zhang and Jian Zhang (University of Chinese Academy of Sciences, Beijing, China)</i> 62: Multiple Program Analysis Techniques Enable Precise Check for SEI CERT C Coding Standard <i>Thu-Trang Nguyen, Toshiaki Aoki (Japan Advanced Institute of Science and Technology, Ishikawa, Japan), Takashi Tomita (Japan Advanced Institute of Science and Technology, Ishikawa, Japan) and Iori Yamada (WITZ Corporation, Hokkaido, Japan)</i> 65: VISION: Evaluating Scenario Suitableness of DNN Models by Mirror Synthesis <i>Ziqi Chen, Huiyan Wang, Chang Xu, Xiaoxing Ma and Chun Cao (Nanjing University, China)</i> 77: Integrating Static Program Analysis Tools for Verifying Cautions of Microcontroller <i>Thuy Nguyen, Toshiaki Aoki, Takashi Tomita (Japan Advanced Institute of Science and Technology (JAIST) Nomi, Ishikawa, Japan) and Junpei Endo (AISIN COMCRUISE Co.,Ltd., Nagoya, Japan)</i> 121: A Mutation-based Approach for Assessing Weight Coverage of a Path Planner <i>Thomas Laurent (Lero & University College Dublin, Ireland) (National Institute</i>

	<p>Shanghai, China)</p> <p>157: Formalizing Architectural Rules with Ontologies - An Industrial Evaluation Sandra Schröder (Universität Hamburg, Germany) and Georg Buchgeher (Software Competence Center Hagenberg GmbH, Austria)</p>	<p>of Informatics, Japan), Paolo Arcaini, Fuyuki Ishikawa (National Institute of Informatics, Tokyo, Japan) and Anthony Ventresque (Lero & University College Dublin, Ireland)</p> <p>133: Verification of CTLBDI Properties by Symbolic Model Checking Ran Chen and Wenhui Zhang (University of Chinese Academy of Sciences, Beijing, China)</p>
4:00 pm	Tea break	
4:20 pm	<p>Parallel Session V: Cloud & Service-Oriented Computing Chair: Dr. Sharifah Mashita Syed Mohamad (Universiti Sains Malaysia) Venue: Cashmere Level 1</p> <p>51: A Cloud-based Solution for Testing Applications' Compatibility and Portability on Fragmented Android Platform Ammar Lanui (Red Ant Technology Sdn. Bhd., Subang Jaya, Malaysia) and Thiam Kian Chiew (University of Malaya, Kuala Lumpur, Malaysia)</p> <p>102: Version-based Microservice Analysis, Monitoring, and Visualization Shang-Pin Ma, I-Hsiu Liu, Chun-Yu Chen, Jiun-Ting Lin (National Taiwan Ocean University, Keelung, Taiwan) and Nien-Lin Hsueh (Feng Chia University, Taichung, Taiwan)</p> <p>135: A High Performance Sidecar for Service Mesh Wei Chen, Shixiong Li (Institute of Software, Chinese Academy of Sciences, Beijing, China) (University of Chinese Academy of Sciences, Beijing, China), Guoquan Wu and Jun Wei (Institute of Software, Chinese Academy of Sciences, Beijing, China) (University of Chinese Academy of Sciences, Beijing, China) (State Key Laboratory of Computer Sciences, Beijing, China)</p> <p>183: Generating Mock Skeletons for Lightweight Web-Service Testing Thilini Bhagya, Hans Guesgen (Massey University, Palmerston North, New Zealand) and Jens Dietrich (Victoria University of Wellington, New Zealand)</p>	<p>Parallel Session VI: Testing Verification and Validation Chair: Assoc. Prof. Dr. Wan Mohd Nasir Wan Kadir (Universiti Teknologi Malaysia) Venue: Zenith 4</p> <p>134: Semi-Automatic Repair of Over-Constrained Models for Combinatorial Robustness Testing Konrad Fögen and Horst Lichter (RWTH Aachen University, NRW, Germany)</p> <p>188: A Prioritization Method for SPL Pairwise Testing based on User Profiles Hirofumi Akimoto, Yuto Isogami, Tomoji Kishi (Waseda University, Tokyo, Japan), Takashi Kitamura (National Institute of Advanced Industrial Science and Technology, Osaka, Japan) and Natsuko Noda (Shibaura Institute of Technology, Tokyo, Japan)</p>
Wednesday, 4 December 2019: APSEC 2019 Conference Day II		
9:00 am	<p>Parallel Session I: Cyber-Physical Systems & IoT Chair: Assoc. Prof. Dr. Thiam Kian Chiew (University of Malaya) Venue: Cashmere Level 1</p> <p>73: An Algebraic Approach to Modeling and Verifying Policy-Driven Smart Devices in IoT Systems Min Zhang, Xiaotong Chi (Shanghai Key Laboratory of Trustworthy Computing & International Joint Laboratory of Trustworthy Software, ECNU, Shanghai, China) and Xiao Xu (Huawei Technologies Co. Ltd. Hangzhou, China)</p> <p>93: Automatic Identifying Interaction Components in Collaborative Cyber-</p>	<p>Parallel Session II: Debugging, Defect Prediction & Fault Localisation Chair: Assoc. Prof. Dr. In-Young Ko (Korea Advanced Institute of Science and Technology) Venue: Zenith 4</p> <p>63: Inferring Faults in Business Specifications Extracted from Source Code Kazuya Yasuda, Shinji Itoh, Ryota Mibe (Hitachi, Ltd. Tokyo, Japan), Yoshinori Jodai and Fumie Nakaya (Hitachi Social Information Services, Ltd., Kanagawa, Japan)</p>

	<p>Physical Systems Daneth Horn, Nazakat Ali and Jang-Eui Hong (Chungbuk National University, Cheongju, South Korea)</p> <p>116: Dam: A Practical Scheme to Mitigate Data-oriented Attacks with Tagged Memory based on Hardware Mengyu Ma, Liwei Chen and Gang Shi (University of Chinese Academy of Sciences, Beijing, China)</p>	<p>91: Deep Semantic Feature Learning with Embedded Static Metrics for Software Defect Prediction Guisheng Fan, Xuyang Diao, Huiqun Yu, Kang Yang (East China University of Science and Technology Shanghai, China) and Liqiong Chen (Shanghai Institute of Technology, China)</p> <p>98: DeepTLE: Learning Code-Level Features to Predict Code Performance Before It Runs Meilin Zhou, Jie Chen, Haiyang Hu, Jiacheng Yu, Zhongjin Li (Hangzhou Dianzi University, China) and Hua Hu (Hangzhou Normal University, China)</p>
10:00 am	Tea break	
10:30 am	<p>Forum: Engineering Impactful Software for the Society towards IR4.0</p> <p>Panel Members: Prof. Dr. Horst Lichter, Head of Software Construction Research Group, RWTH Aachen University Dr. Ken Chan, System Assurance Consultant, Orient SA Consulting Sdn. Bhd.</p> <p>Moderator: Prof. Dr. Shamsul Sahibuddin, APSEC 2019 General Chair, Malaysian Software Engineering Interest Group (MySEIG) Chair</p> <p>Venue: Cashmere Level 1</p>	
11:30 am	<p>Parallel Session III: Cyber-Physical Systems & IoT Chair: Prof. Tsuyoshi Nakajima (Shibaura Institute of Technology) Venue: Cashmere Level 1</p> <p>165: Statistical Verification Framework for Platooning Systems of Systems with Uncertainty Sangwon Hyun, Jiyoung Song, Seungchul Shin and Doo-Hwan Bae (Korea Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea)</p> <p>169: SHML: Stochastic Hybrid Modeling Language for CPS Behavior Dehui Du, Tong Guo and Yao Wang (East China Normal University, Shanghai, China)</p> <p>193: A Framework for Internet of Things Search Engines Engineering Nguyen Khoi Tran, Muhammad Ali Babar (The University of Adelaide, Adelaide, Australia), Michael Sheng (Macquarie University, Sydney, Australia) and John Grundy (Monash University, Clayton, Australia)</p>	<p>Parallel Session IV: Debugging, Defect Prediction & Fault Localisation Chair: Dr. Mohd Hafeez Osman (Universiti Putra Malaysia & Technical University of Munich) Venue: Zenith 4</p> <p>153: Achieving Abstract Machine Reachability with Learning-based Model Fulfilment Cheng-Hao Cai, Jing Sun, Gillian Dobbie (University of Auckland, Auckland, New Zealand) and Scott Uk-Jin Lee (Hanyang University ERICA, Ansan, Korea)</p> <p>154: Necessity and Capability of Flow, Context, Field and Quasi Path Sensitive Points-to Analysis Yuexing Wang, Min Zhou, Ming Gu and Jianguang Sun (Tsinghua University, China)</p> <p>197: Class Imbalance Data-Generation for Software Defect Prediction Zheng Li, Xingyao Zhang, Junxia Guo and Ying Shang (Beijing University of Chemical Technology, China)</p>
12:30 pm	Lunch	
2:00 pm	<p>Parallel Session V: Empirical Software Engineering Chair: Prof. Dr. Rusli Abdullah (Universiti Putra Malaysia) Venue: Cashmere Level 1</p> <p>70: How Compact Will My System Be? A Fully- Automated Way to Calculate</p>	<p>Parallel Session VI: Security, Reliability, & Privacy Chair: Assoc. Prof. Dr. Jamaiah Yahaya (Universiti Kebangsaan Malaysia) Venue: Zenith 4</p>

	<p>LoC Reduced by Clone Refactoring Tasuku Nakagawa, Yoshiki Higo, Junnosuke Matsumoto and Shinji Kusumoto (Osaka University, Japan)</p> <p>105: Understanding Source Code Variability in Cloned Android Families: An Empirical Study on 75 Families Anas Shatnawi, Tewfik Ziadi and Mohamed Yassin Mohamadi (Sorbonne University, Paris, France)</p> <p>108: Towards Non-Invasive Recognition of Developers' Flow States with Computer Interaction Traces Zhiwen Zheng, Liang Wang, Yue Cao, Yuqian Zhuang and Xianping Tao (Nanjing University, China)</p> <p>140: Teaching Software Process Models to Software Engineering Students: An Exploratory Study Saurabh Tiwari (DA-IICT Gandhinagar, India) and Santosh Singh Rathore (ABV-IIITM Gwalior, India)</p> <p>142: Automatic Classifying Self-Admitted Technical Debt Using N-gram IDF Supatsara Wattanakriengkrai, Napat Srisermphoak, Sahawat Sintoplerchaikul, Morakot Choetkiertikul, Chaiyong Ragkhitwetsagul, Thanwadee Sunetnanta (Mahidol University, Thailand), Hideaki Hata and Kenichi Matsumoto (Nara Institute of Science and Technology, Japan)</p> <p>177: Decisions and their Making in OSS Development: An Exploratory Study Using the Hibernate Developer Mailing List Xueying Li, Peng Liang and Tianqing Liu (Wuhan University, China)</p>	<p>16: More Secure Collaborative APIs resistant to Flush+Reload and Flush+Flush Attacks on ARMv8-A Jingquan Ge (Institute of Information Engineering, CAS) (University of Chinese Academy of Sciences), Neng Gao, Chenyang Tu, Ji Xiang and Zeyi Liu (Institute of Information Engineering, CAS)</p> <p>53: SGXPY: Protecting integrity of Python applications with Intel SGX Denghui Zhang, Guosai Wang, Wei Xu and Kevin Gao (Tsinghua University, Beijing, P.R.China)</p> <p>55: A Language-based Multi-view Approach for Combining Functional and Security Models Hui Zhao, Frederic Mallet (Universite Cote d'Azur, I3S, INRIA) and Ludovic Aprville (Institut Polytechnique de Paris)</p> <p>144: Witness: Detecting Vulnerabilities in Android Apps Extensively and Verifiably Hongliang Liang, Tianqi Yang, Lin Jiang, Yixiu Chen, Zhuosi Xie (Beijing University of Posts and Telecommunications, Beijing, China)</p> <p>198: Run-time Safety Monitoring Framework for AI-based Systems: Automated Driving Cases Mohd Hafeez Osman (University Putra Malaysia, Serdang, Malaysia) (Technical University of Munich, Germany), Stefan Kugele and Sina Shafaei (Technical University of Munich, Germany)</p> <p>202: Anatomizing Android Malwares Anand Tirkey, Ramesh Kumar Mohapatra (National Institute of Technology, Rourkela, India) and Lov Kumar (BITS Pilani, Hyderabad Campus, Hyderabad, India)</p>
4:00 pm	Tea break	
4:20 pm	<p>Session VII: Software Project Management, Configuration Management & Deployment Chair: Dr. Subhajit Datta (Singapore Management University) Venue: Cashmere Level 1</p> <p>161: BLINKER: A Blockchain-enabled Framework for Software Provenance Jagadeesh Chandra Bose R P, Kanchanjot Kaur Phokela, Vikrant Kaulgud and Sanjay Podder (Accenture Labs, Bangalore, India)</p> <p>168: SoReady: An Extension of the Test and Defect Coverage-Based Analytics Model for Pull-Based Software Development Sharifah Mashita Syed-Mohamad and Nur Shazwani Md. Akhir (Universiti Sains Malaysia, Penang, Malaysia)</p>	

	30: Multi-Objective Configuration Sampling for Performance Ranking in Configurable Systems <i>Yongfeng Gu, Yuntianyi Chen, Xiangyang Jia and Jifeng Xuan (Wuhan University, China)</i>	
8:00 pm	Conference dinner	
Thursday, 5 December 2019: APSEC 2019 Conference Day III		
9:00 am	Parallel Session I: Software Repository Mining & Data Analytics Chair: Assoc. Prof. Dr. Shahida Sulaiman (Universiti Teknologi Malaysia) Venue: Cashmere Level 1 19: Investigating Cross-Repository Socially Connected Teams on GitHub <i>Duo Wang, Jian Cao, Shiyong Qian and Qing Qi (Shanghai Jiao Tong University, China)</i> 31: Class Name Recommendation based on Graph Embedding of Program Elements <i>Shintaro Kurimoto, Yasuhiro Hayase, Hiroshi Yonai, Hiroyoshi Ito and Hiroyuki Kitagawa (University of Tsukuba, Japan)</i> 152: Detecting Duplicate Questions in Stack Overflow via Deep Learning Approaches <i>Liting Wang, Li Zhang and Jing Jiang (Beihang University, Beijing, China)</i> 191: Understanding the Effect of Developer Sentiment on Fix-Inducing Changes: An Exploratory Study on GitHub Pull Requests <i>Syed Fatiul Huq, Ali Zafar Sadiq and Kazi Sakib (University of Dhaka, Bangladesh)</i>	Parallel Session II: Software Engineering Tools & Environment Chair: Prof. Dr. Steve Reeves (University of Waikato) Venue: Zenith 4 49: Reinforcement Learning of Code Search Sessions <i>Wei Li, Shuhan Yan, Beijun Shen and Yuting Chen (Shanghai Jiao Tong University, China)</i> 71: SIF: A Framework for Solidity Contract Instrumentation and Analysis <i>Chao Peng, Sefa Akca and Ajitha Rajan (University of Edinburgh, United Kingdom)</i> 81: Jact: A Playground Tool for Comparison of JavaScript Frameworks <i>Nozomi Nakajima, Shinsuke Matsumoto and Shinji Kusumoto (Osaka University, Japan)</i> 206: SolAnalyser: A Framework for Analysing and Testing Smart Contracts <i>Sefa Akca, Ajitha Rajan and Chao Peng (University of Edinburgh, United Kingdom)</i>
10:20 am	Tea break	
10:40 am	Parallel Session III: Open Source Development Chair: Prof. Dr. Muhammad Ali Babar (The University of Adelaide) Venue: Cashmere Level 1 57: CLASC: A Changelog based Automatic Code Source Classification Method for Operating System Packages <i>Yi Ren, Jianbo Guan, Jun Ma, Yusong Tan, Qingbo Wu, Yan Ding (National University of Defense Technology, Changsha, China)</i> 59: Improve Code Structure Prediction of Code Completion by Hierarchical Language Model with Attention <i>Yixiao Yang (Tsinghua University, Beijing, China) and Xiang Chen (Independent Researcher, Beijing, China)</i> 60: Automatic Identification of Assumptions from the Hibernate Developer Mailing List <i>Ruiyin Li (Wuhan University, China) (University of Groningen, AG Groningen,</i>	Parallel Session IV: Formal Methods Chair: Dr. Lukman A. Rahim (Universiti Teknologi Petronas) Venue: Zenith 4 18: Towards a Formal Approach to Defining and Computing the Complexity of Component Based Software <i>Yongxin Zhao, Xiujuan Zhang, Gan Zeng, Feng Sheng (East China Normal University, Shanghai, China), Ling Shi (Singapore Management University, Singapore) and Shuang Liu (Tianjin University, Tianjin, China)</i> 29: RBML: A Refined Behavior Modeling Language for Safety-critical Hybrid Systems <i>Zhangtao Chen, Jing Liu (East China Normal University, Shanghai, China), Xi Ding (AECC Aero-Engine Control System Institute, Wuxi, China) and Miaomiao Zhang (Tongji University, Shanghai, China)</i> 64: A Coloured Petri Net Approach to Modelling and Analyze Safety-

	<p><i>The Netherlands), Peng Liang (Wuhan University, China), Chen Yang (IBO Technology (Shenzhen) Co., Ltd., Shenzhen, China), Georgios Digkas (University of Groningen, AG Groningen, The Netherlands), Alexander Chatzigeorgiou (University of Macedonia, Greece), and Zhuang Xiong (Wuhan University, China)</i></p> <p>97: Influence, Information and Team Outcomes in Large Scale Software Development</p> <p>Subhajit Datta (Singapore Management University, Singapore)</p>	<p>Critical Interactive Systems</p> <p>Sapna Jaidka, Steve Reeves and Judy Bowen (University of Waikato, Hamilton, New Zealand)</p> <p>190: Formal Modelling and Verification of Spinlocks at Instruction Level</p> <p>Leping Zhang, Qianying Zhang, Guohui Wang, Zhiping Shi, Minhua Wu and Yong Guan (Capital Normal University, Beijing, China)</p>
12:00 pm	Lunch	

*This tentative is subject to change

Note to authors: Presentation 15 mins, Q&A session 5 mins