

8:30	Registration Desk Open						FG.G Foyer	
9:00	W1 4th International Workshop on Quantitative Approaches to Software Quality	G.1.15	W2 TDA 2016: First International Workshop on Technical Debt Analytics	G.3.33	T2 Weka Data Mining Tool R.G.12 = "Lab 5"	R.G.12	T4 SOUFFLÉ: Datalog Compiler for Static Program Analysis FG.2.01	
10:30	Break						FG.G Foyer	
11:00	W1 4th International Workshop on Quantitative Approaches to Software Quality	G.1.15	W2 TDA 2016: First International Workshop on Technical Debt Analytics	G.3.33	T2 Weka Data Mining Tool	R.G.12	T4 SOUFFLÉ: Datalog Compiler for Static Program Analysis FG.2.01	
13:00	Lunch						FG.G Foyer	
14:00	W1 4th International Workshop on Quantitative Approaches to Software Quality	G.1.15	W2 TDA 2016: First International Workshop on Technical Debt Analytics	G.3.33	T2 Weka Data Mining Tool	R.G.12	T5 Dynamic analysis of JavaScript with Jalangi FG.2.01	T6 Interaction Design for Specifying Requirements S.B.03
15:30	Break						FG.G Foyer	
16:00	W1 4th International Workshop on Quantitative Approaches to Software Quality	G.1.15	W2 TDA 2016: First International Workshop on Technical Debt Analytics	G.3.33	T2 Weka Data Mining Tool	R.G.12	T5 Dynamic analysis of JavaScript with Jalangi FG.2.01	T6 Interaction Design for Specifying Requirements S.B.03
18:00	Opening Reception Registration Desk at <i>Gallagher Academy of Performing Arts</i> from 17:00 Sponsored by <i>IT Professionals NZ</i> . itp.nz						APA Foyer	

8:30	Registration Desk Open			S.1 Foyer
9:00	Opening Address			S.1.04
9:30	1. Keynote: Manu Sridharan <i>Samsung Research America</i> <i>Program Analysis for Real-World JavaScript</i> Sponsored by <i>AUT Software Engineering Laboratory</i> . ser1.aut.ac.nz			S.1.04
10:30	Break			S.1 Foyer
11:00	2. Poster Session	Chair: Alex Potanin		S.1.04
12:30	Lunch & Posters Sponsored by <i>Department of Computer Science and Software Engineering, University of Canterbury</i> . cosc.canterbury.ac.nz			S.1 Foyer
14:00	3A. Software Engineering Practice	S.1.04 Chair: Yanchun Sun	3B. Automation	S.1.02 Chair: Hidehiko Masuhara
	<i>Find your Open Source License now!</i> Georgia Kapitsaki and Georgia Charalambous		<i>EXPSOL: Recommending Online Threads for Exception-related Bugs Reports</i> Xiaoning Liu, Beijun Shen, Hao Zhong and Jiangang Zhu	
	<i>Task Recommendation with Developer Social Network in Software Crowdsourcing</i> Ning Li, Wenkai Mo and Beijun Shen		<i>Retrieving Design Pattern Usage Examples using Domain Matching</i> Shamsa Abid, Zohaa Qamar, Natasha Khan, Muhammad Shayan and Hamid Abdul Basit	
	<i>What Influences Usability Defect Reporting? – A Survey of Software Development Practitioners</i> Nor Shahida Mohamad Yusop, John Grundy, Rajesh Vasa and Jean-Guy Schneider		<i>LibSift: Automated Detection of Third-Party Libraries in Android Applications</i> Charlie Soh, Hee Beng Kuan Tan, Yauhen Arnatovich, Annamalai Narayanan and Lipo Wang	
15:30	Break			S.1 Foyer
16:00	4A. People	S.1.04 Chair: Amjed Tahir	4B. Models	S.1.02 Chair: Thomas Kühne
	<i>Does the Role Matter? An Investigation of Casual Contributors' Code Quality in GitHub</i> Yao Lu, Xinjun Mao, Zude Li, Yang Zhang, Tao Wang and Gang Yin		<i>A Model Checking Based Approach for Containment Checking of UML Sequence Diagrams</i> Faiz Ul Muram, Huy Tran and Uwe Zdun	
	<i>Does the "Project Manager" still exist in Agile Software Development Projects?</i> Yogeshwar Shastri, Rashina Hoda and Robert Amor		<i>Model-Based Continuous Verification</i> Lingling Fan, Sen Chen, Lihua Xu, Zongyuan Yang and Huibiao Zhu	
	<i>Does It Fit Me Better? User Segmentation in Requirements Engineering</i> Mohammadhossein Sherkat, Tim Miller and Antonette Mendoza		<i>Model Driven Software Security Architecture of Systems-of-Systems</i> Jamal El Hachem, Zi Yang Pang, Vanea Chiprianov, Ali Babar and Philippe Aniorde	
19:00	Steering Committee Meeting			City Centre

8:30	Registration Desk Open		S.1 Foyer
9:30	5. Keynote: Cristina Cifuentes Oracle Labs <i>Oracle Parfait: The Flavour of Real-World Vulnerability Detection</i> Sponsored by <i>Department of Computer Science, University of Auckland.</i> cs.auckland.ac.nz		S.1.04
10:30	Break		S.1 Foyer
11:00	6A. Security Chair: Ewan Tempero	S.1.04 6B. Patterns Chair: Thomas Kühne	S.1.02
	<i>Analytical Study of Cognitive Layered Approach for Understanding Security Requirements using Problem Domain Ontology</i> Bongjae Kim and Seok-Won Lee	<i>Examination of Coding Violations Focusing on Their Change Patterns over Releases</i> Aji Ery Burhandenny, Hirohisa Aman and Minoru Kawahara	
	<i>An Empirical Analysis of Vulnerabilities in OpenSSL and the Linux Kernel</i> Matthieu Jimenez, Mike Papadakis and Yves Le Traon	<i>Splitting Commits via Past Code Changes</i> Hiroyuki Kirinuki, Yoshiki Higo, Keisuke Hotta and Shinji Kusumoto	
	<i>Projected Control Graph for Accurate and Efficient Analysis of Safety and Security Vulnerabilities</i> Ahmed Tamrawi and Suresh Kothari	<i>An empirical study into the relationship between class features and test smells</i> Amjed Tahir, Steve Counsell and Stephen MacDonell	
12:30	Lunch		S.1 Foyer
14:00	7A. Empirical Software Engineering Chair: Stephen MacDonell	S.1.04 7B. Effort Estimation Chair: Pornsiri Muenchaisri	S.1.02
	<i>A Model for Defining Coupling Metrics*</i> Ewan Tempero and Paul Ralph	<i>Heterogeneous Cross-Company Effort Estimation through Transfer Learning</i> Shensi Tong, Qing He, Yuting Chen, Ye Yang and Beijun Shen	
	<i>A Map of Threats to Validity of Systematic Literature Reviews in Software Engineering*</i> Xin Zhou, Yuqin Jin, He Zhang, Shanshan Li and Xin Huang	<i>An Algorithmic-based Change Effort Estimation Model for Software Development</i> Sufyan Basri, Nazri Kama, Haslina Md Sarkan, Saiful Adli, Faizura Haneem	
	<i>The Introduction of Technical Debt Tracking in Large Companies</i> Antonio Martini, Terese Besker and Jan Bosch	<i>Filter-INC: Handling Effort-Inconsistency in Software Effort Estimation Datasets</i> Passakorn Phannachitta, Jacky Keung, Kwabena Bennin, Akito Monden and Kenichi Matsumoto	
15:30	Break		S.1 Foyer
16:00	8A. Mobile Application Development Chair: Jens Dietrich	S.1.04 8B. Software Engineering for Cyber-Physical Systems Chair: Takashi Kobayashi	S.1.02
	<i>Achieving High Code Coverage in Android UI Testing via Automated Widget Exercising</i> Yauhen Arnatovich, Minh Ngoc Ngo, Tan Hee Beng Kuan and Charlie Soh	<i>Model-based API-call constraint checking for automotive control software*</i> Dongwoo Kim, Yoohee Chung and Yunja Choi	
	<i>Testing Android Apps via Guided Gesture Event Generation</i> Xiangyu Wu, Yanyan Jiang, Chang Xu, Chun Cao, Xiaoxing Ma and Jian Lu	<i>An Incremental V-Model Process for Automotive Development</i> Bohan Liu, He Zhang and Saichun Zhu	
	<i>Effectively Manifesting Concurrency Bugs in Android Apps</i> Qiwei Li, Yanyan Jiang, Tianxiao Gu, Chang Xu, Jun Ma, Xiaoxing Ma and Jian Lu	<i>Minimalist Qualitative Models for Model Checking Cyber-physical Feature Coordination</i> Michael Rathmair, Christoph Luckeneder and Hermann Kaindl	

Doctoral Consortium G.1.15

* **Best Paper Awards**

8:30	Registration Desk Open		S.1 Foyer
9:30	9. Keynote: Paul Ash <i>National Cyber Policy Office, New Zealand Government</i> <i>New Zealand in an interconnected world: delivering a secure, resilient and prosperous online environment</i> Sponsored by <i>Department of Computer Science and Software Engineering, University of Canterbury.</i> cosc.canterbury.ac.nz		S.1.04
10:30	Break		S.1 Foyer
11:00	10A. Auto-repair Chair: Amjed Tahir <i>Toward Developer-like Automated Program Repair - Modification Comparisons between GenProg and Developers</i> Hiroki Nakajima, Yoshiki Higo, Haruki Yokoyama and Shinji Kusumoto <i>CURE: Automated Patch Generation for Dynamic Software Update</i> Zelin Zhao, Tianxiao Gu, Xiaoxing Ma, Chang Xu and Jian Lü <i>Improving Reliability of Dynamic Software Updating Using Runtime Recovery</i> Tianxiao Gu, Zelin Zhao, Xiaoxing Ma, Chang Xu, Chun Cao and Jian Lü	S.1.04	10B. Symbolic Execution Chair: Alex Potanin <i>The Floating-point Extension of Symbolic Execution Engine for Bug Detection</i> Xingming Wu, Zhenbo Xu, Dong Yan, Tianyong Wu, Jun Yan and Jian Zhang <i>Compositional Symbolic Execution: Incremental Solving Revisited</i> Yude Lin, Tim Miller and Harald Sondergaard <i>Masking Soft Errors with Static Bitwise Analysis</i> Jianjun Xu, Xiankai Meng, Qingping Tan, Jingling Xue
12:30	Lunch		S.1 Foyer
14:00	11A. Machine Learning Techniques in Software Engineering Chair: Stephen MacDonell <i>Integrating Goal Model into Rule-based Adaptation</i> Tianqi Zhao, Tao Zan, Haiyan Zhao, Zhenjiang Hu and Zhi Jin <i>Dataset Coverage for Testing Machine Learning Computer Programs</i> Shin Nakajima and Hai Ngoc Bui <i>Automated Test Sequence Generation for Function Block Diagram Programs</i> Jiyoung Song, Eunkyoun Jee and Doo-Hwan Bae	S.1.04	11B. Formal Methods Chair: Steve Reeves <i>Mind the Gap: Addressing Behavioural Inconsistencies with Formal Methods</i> Juliana Küster Filipe Bowles and Marco B. Caminati <i>Formalization and Verification of the Powerlink Protocol using CSP</i> Haiping Pang, Ju Li, Yijia Ruan, Yanhong Huang, Jianqi Shi and Shengchao Qin <i>Automated Deployment of Data Collection Policies over Heterogeneous Shared Sensing Infrastructures</i> Cyril Cecchinell, Sebastien Mosser and Philippe Collet
15:30	Closing Address & Best Paper Awards <i>Best Paper Awards sponsored by Massey University.</i> massey.ac.nz		S.1.04
16:00	Break		S.1 Foyer
	Conference Banquet 17:00 Bus from campus to Hobbiton Movie Set (departs from central campus bus stop) Tour of Hobbiton & Banquet 22:45-23:00 Arrive back at campus and then to city centre (Novotel Hotel) Sponsored by <i>Rezare Systems.</i> rezare.co.nz		

Venues

S.1.04		Keynotes, paper sessions, poster session, opening and closing sessions
S.1.02		Paper sessions
S.1 Foyer	Foyer of the upper floor of S Block	Posters, Breaks, Registration Desk (Wed-Fri), Lunch (Wed-Fri)
G.1.15		Doctoral Consortium & Workshop 1
APA Foyer	<i>Gallagher Academy of Performing Arts</i>	Opening Reception, Registration Desk from 17:00 on Tuesday
FG.G Foyer	Ground floor of the FG Link building (between F Block and G Block)	Registration Desk from 8:30 to 17:00 on Tuesday Breaks and Lunch for Workshop & Tutorial Attendees on Tuesday
FG.2.01		Tutorials 4 & 5
S.B.03	Room in the basement of S Block (access via stairs from S.G. Foyer)	Tutorial 6
G.3.33		Workshop 2
R.G.12	Computer laboratory in R Block: "Lab 5".	Tutorial 2

Room Numbering

Building.Level.Room

G.3.33 → G Block
Level 3
Room 33