	Pre Conference Day	ACSW Day 1	ACSW Day 2	ACSW Day 3
	Jan 20 Monday	*Jan 21 Tuesday*	*Jan 22 Wednesday*	*Jan 23 Thursday*
8.30am – 9.00am	Registration WG201	Registration WG201	CORE meeting WG403	
9.00am – 9.30am	ACE Doctoral Consortium WG606	Opening remarks WG403		Parallel Session 7
9.30am – 10.30am	ACDC Doctoral Consortium WG607 AECR Workshop WF210 ACE workshops WG609 HoDs and Profs mtg WG308 (WG403,Wg404)	Keynote WG403 Prof Anthony Robins *"Teaching and Learning Programming"*	Keynote WG403 Prof John Mylopoulos *"Goal-Oriented Requirements Engineering"*	**AWIC WG609** **HIKM WG606** **AusPDC WG607** **AUIC WG608** **(ACE Workshop 3) WG404**
10.30am – 11.00am	Morning Tea WG306	Morning Tea & Posters WG201	Morning Tea & Posters WG201	Morning Tea & Posters WG201
11.00am – 12.30pm	ACE Doctoral Consortium WG606 ACDC Doctoral Consortium WG607 AECR Workshop WF210 ACE workshops WG609 HoDs and Profs mtg WG308 (WG403,Wg404)	Parallel Session 1 **AWIC WG609** **AWC WG606** **APCCM WG608** **AISC WG403**	Parallel Session 4 **AWIC WG609** **ACE WG404** **APCCM WG606** **AUIC WG 608**	Parallel Session 8 **AWIC WG609** **HIKM WG606** **AusPDC WG607** **AUIC WG608** **(ACE Workshop 3) WG404**
12.30pm – 1.30pm	Lunch WG201	Lunch WG201	Lunch WG201	Lunch WG201 <mark>ACSW chairs WG308</mark>
1.30pm – 3.00pm	ACE Doctoral Consortium WG606 ACDC Doctoral Consortium WG607 AECR Workshop WF210 ACE workshops WG609 AWIC Workshop WG608 HoDs and Profs mtg WG308 (WG403,Wg404)	Parallel Session 2 **AWIC WG609** **ACE WG404** **APCCM WG 608** **ACSC WG403** **AISC WG607**	Parallel Session 5 **AWIC WG609** **ACE WG404** **ACSC WG403** **AusPDC WG607**	Keynote WG403 Peter Gutmann *"Bugs in the Wetware: The Psychology of Computer Insecurity"* Closing Address
3.00pm – 3.30pm	Afternoon Tea	Afternoon Tea & Posters	Afternoon Tea & Posters	
3.30pm – 5.00pm	ACE Doctoral Consortium WG606 ACDC Doctoral Consortium WG607 AECR Workshop WF210 ACE workshops WG609 AWIC Workshop WG608 HoDs and Profs mtg WG308 (WG403,Wg404	Parallel Session 3 **AWIC WG 609** **ACE WG404** **AWC WG606** **ACSC WG403**	Parallel Session 6 **AWIC WG609** **ACE WG404** **ACSC WG403** **HIKM WG606**	
5:00pm – 5:15 pm	Free	ACE – SIGCSE Australasian Chapter AGM WG404	5:00 – 5:45 Chris Wallace Research Award Winner 2013 Invited Presentation WG403	
5.20pm – 6.30pm	Welcome Mihi Whakatau and Opening WG201 Kapa Haka Group	ACE – SIGCSE Australasian Chapter AGM WG404 <mark>Computer History Tour WG201</mark>		
6.30pm – 8.30pm		Heads & Profs Dinner Soul Bar	Conference Dinner WG308	
8.30pm – 10.00pm				

Version 16: 20/01/2014

	Tuesday 21 January			
8.30am – 9.00am	Registration			
9.00am – 9.30am	Opening remarks and Awards			
9.30am – 10.30am	Keynote Prof Anthony Robins *"Teaching and Learning Programming"*			
10.30am – 11.00am	Morning Tea & Posters			
	AWC	**APCCM** **Software Models**	**AISC**	**AWIC** **Opening and Invited Speaker**
11.00am – 11.30am	Stefan Böttcher, Rita Hartel and Sebastian Thiele *"Difference computation for grammar-compressed XML data"*	Invited Speaker Ochimizu *"The Role of Software Models in Developing New Software Systems"*	Kush et al *"Poisoned Goose: Exploiting the GOOSE Protocol"*	Opening remarks Prof Desna Jury (Dean of Faculty of Design & Creative Technologies, AUT)
11.30am – 12.00	Stefan Böttcher, Marc Brandenburg and Rita Hartel *"Keyword Search on DAG-Compressed XML Data"*		Seneviratne et al *"An Authorised Pseudonym System for privacy Preserving Location Proof Architectures"*	Keynote Speaker Helen Robinson *"Future of the Digital Age"*
12.00 - 12.30pm	Angelos Molfetas, Anthony Wirth and Justin Zobel *"Scalability in recursively stored delta compressed collections of files"*	Schoenboeck et al *"CARE – A Constraint-Based Approach for Re-establishing Conformance-Relationships"*	Alhamdan et al *"Weak Key-IV Pairs in the A5/1 Stream Cipher"*	
12.30pm – 1.30pm	Lunch & Posters			
	ACSC	**ACE** **Curriculum**	**APCCM** **Process and Applied Conceptual Modelling**	**AISC**	**AWIC** **Panel**
1.30pm – 1.52pm	Stephan Muller et al *"An Adaptive Aggregate Maitenance Approach for Mixed Workloads in Columnar In-Memory Databases"*	Katrina Falkner et al *"The Australian Digital Technologies Curriculum: Challenge and Opportunity"*	Schuetz et al *"Variability in Artifact-Centric Process Modelling: The Hetero-Homogeneous Approach"*	Mansoori et al *"Yet Another Low Interaction Honeyclient"*	Successful Women Panel Lyndal Stewart – Business Mechanix Jo Allison – Gen-I Julia Raue - AirNZ
1.52pm – 2.14pm	Tong-Wook et al *"Combining the Shortest*	Brian Von Konsky et al *"Visualising Career*	Mafazi et al *"Conflict Resolution for On-*	Bhatia et al *"Practical Modbus Flooding*	Jo Healey - Fujitsu

	ACSC	ACE	AWC	AWIC
	Paths and the Bottleneck Paths problems"	*Progression for ICT Professionals and the implications for ICT Curriculum Design in Higher Education"*	*the-Fly Change Propagation in Business processes"*	*Attack and Detection"*	
2.14pm – 2.36pm	Ching Lih Lim set al *"Lazy and Eager Approaches for the Set Cover Problem"*	Nicole Herbert et al *"ICT Curriculum and Course Structure: the Great Balancing Act"*	Jian et al *"A Conceptual Model for Human-Robot Collaborative Spatial Navigation"*	Radke et al *"Formalising Human Recognition: A Fundamental Building Block for Security Proofs"*	
2.36pm – 3.00pm	Karmakar *"A Trigger Counting mechanism for Ring Topology"*	Mike & Dobrila Lopez *"Student and staff expectations of NZQA levels"*	Rogers et al *"Applying a test for Atomicity of Method Fragments"*	Bajaj & Pieprzyk *"User-Preference Training of SpamBayes"*	
3.00pm – 3.30pm	Afternoon tea and posters				
	ACSC	**ACE** **Novice programmers**	**AWC**	**AWIC**
3.30pm – 3.52pm	Klapaukh et al *"Towards a Vertex and Edge Label Aware Force Directed Layout Algorithm"*	Teague & Lister *"Longitudinal Think Aloud Study of a Novice Programmer"*	Rexy Arulanandam, Bastin Tony Roy Savarimuthu and Maryam Purvis *"Extracting Crime Information From Online Newspaper Articles"*	
3.52pm – 4.14pm	Wust et al *"DAC: database Application Context Analysis Applied to Enterprise Applications"*	Teague & Lister *"Manifestations of Preoperational Reasoning on Similar Programming Tasks"*	Eddy Maddalena and Stefano Mizzaro *"Axiometrics: Axioms of Information Retrieval Effectiveness Metrics"*	
4.14pm – 4.36pm	Friggens et al *"Shape Predictates Allow Unbounded Verification of Linearizability Using Canonical Abstraction"*	Egan & McDonald *"Program visualization and explanation for novice C programmers"*	Mike Symonds, Peter Bruza and Laurianne Sitbon *"The Efficiency of Corpus-based Distributional Models for Literature-based Discovery on Large Data Sets"*	Student Panel What are the issues? How to help What support is needed
4.36pm – 5.00pm	Rinck et al *"Document DNA: Content Centric Provenance Data Tracking in Documents"*	Skudder & Luxton-Reilly *"Worked Examples in Computer Science"*	Paul Watters *"A Systematic Approach to Measuring Advertising Transparency Online: An Australian Case Study"*	

5.00pm – 6.30pm		"Australasian SIGCSE Chapter AGM"		
6.30pm – 8.30pm	Heads & Profs Dinner			

	Wednesday 22nd January			
8.30am – 9.30am	CORE Meeting			
9.30am – 10.30am	Keynote Prof John Mylopoulos *"Goal-Oriented Requirements Engineering"*			
10.30am – 11.00am	Morning Tea & Posters			
	APCCM **RE and Data Modelling**	**ACE** **The Year 12 and first experience**	**AUIC** **Interfaces**	**AWIC** **Interventions**
11.00am – 11.30am	Ghose et al *"Data Driven Requirements Modelling: Some Initial results with i*"*	Lang et al *"Unblocking the pipeline by providing a compelling computing experience in secondary schools: are the teachers ready?"*	Masood et al *"Math Tutor: An Interactive Android-Based Numeracy Application for Primary Education"*	High School Raewyn Boerson
11.30am – 12.00	Nakatani et al *"Predicting Requirements Changes by Focussing on the Social Relations"*	Mason & Cooper *"Introductory Programming Courses in Australia and New Zealand in 2013 - trends and reasons"*	Heitz et al *"Assessing the Impact of a Clinical Audiology Simulator on First year Students"*	ITP Susan Bennett
12.00 - 12.30pm	Le et al *"SQL-Sampler: A Tool to Visualise and Consolidate Domain Semantics by Perfect SQL Sample Data"*	Hoda & Andrae *"It's Not Them, It's Us! Why Computer Science Fails to Impress Many First Years"*	Zeng et al *"Towards a 3D Sketch-Based Modelling API"*	University Gail Riddle
12.30pm – 1.30pm	Lunch & Posters			
	AusPDC **Big data**	**ACE** **Assessment**	**ACSC**	**AWIC** **Career Development**
1.30pm – 1.52pm	Keynote Speaker Prof Jemal Abawajy *"Big Data: Opportunities and Challenges"*	Whalley & Kasto *"How difficult are novice code writing tasks? A software metrics approach"*	Margono et al *"Mining Indonesian Cyber Bullyimg Patterns in Social Networks"*	IT Career Planning and Development Hudson
1.52pm – 2.14pm		Sheard et al *"Benchmarking a set of exam questions for introductory programming"*	Vanderschantz et al *"Current Educational Technology Use for Digital Information Acquisition by Young New Zealand Children"*	
2.14pm – 2.36pm		Handoyo et al *"Developing A Framework to*	Mayan et al *"Understanding Saudi Arabian*	

	HIKM	ACE SE & Technology	ACSC	AWIC
		Assess Students' Contributions during Wiki Construction"	*Students Engagement in E-Learning 2.0 in Australian Higher Education"*	
2.36pm – 3.00pm	Hsueh et al *"A Load Based Map reduce Algorithm for Blocking-based Entity-resolution with Multiple keys"*	Kasto et al *"Solution Spaces"*	Hunt et al *"Exploring the Applicability of Reservoir Methods for Classifying Punctual Sports Activities Using On-Body Sensors"*	
3.00pm – 3.30pm	Afternoon tea and posters			
	HIKM	**ACE** **SE & Technology**	**ACSC**	**AWIC**
3.30pm – 3.52pm	Meroli *"Social Media and Online Survey: Tools for Knowledge Management in Health Research"*	Simon & David Conforth *"Teaching Mobile Apps for Windows Devices Using TouchDevelop"*	Zemni et al *"Formal Approach for Generating Privacy Preserving User Requirements-Based Business Process Fragments"*	Personal Journey's Six Professional Women describe their own personal Journey in the ICT field
3.52pm – 4.14pm	Heffernan *"Crowdsourcing for Clinical Research – An Evaluation of Maturity"*	Trabelsi *"A Web-based Firewall Simulator Tool for Information Security Education"*	NguYen et al *"Poisson Exemplar-based Texture Completion"*	
4.14pm – 4.36pm	Day *"What Pacific People Think of Online Mental Health Information"*	McDonald *"A Multi-tier Client-Server Project Employing Mobile Clients"*	Chen et al *"A Replication and Reproduction of Code Clone Detection Studies"*	
4.36pm – 5.00pm	Borsboom *"Investigating the Potential of Interactive Media to Encourage Engagement with Type 1 Diabetes Management"*	Schmidt et al *"Teaching Model-Driven Software Development: Revealing the "Great Miracle" of Code Generation to Students"*	Tucker et al *"A Comparative Study of RFID Technology Measuring Efficiency and Acceptance when Capturing Attendance"*	
5.00pm – 5.45 pm	Chris Wallace Research Award Winner 2013 Invited Presentation Sebastian Link "SQL Keys"			
5.45 pm – 6.30pm	Free			
6.30pm – 10.00pm	Conference Dinner			

	Thursday 23rd January				
	HIKM	**AUIC**	**AusPDC**	**AWIC** **Invited papers**	**ACE**
9.00am – 9.22am	Ou *"Automatic Population of Structured Reports from Narrative Pathology Reports"*	Walsh et al *"Ephemeral Interaction Using Everyday Objects"*	Invited Talk Saurabh Garg IBM Research *"Stream Computing and Big Data"*	Dobrila Lopez & Alison Clear *"ITGRLS"*	Workshop 3
9.22am – 9.44am	Ofoghi *"BiomRKRS: A Biomarker Retrieval and Knowledge Reasoning System"*	Marner & Thomas *"Spatial Augmented Reality User Interface Techniques for Room Sizing Modelling Tasks"*		Scott Morton	
9.44am – 10.06am	Song *"Developing High Risk Clusters for Chronic Disease Events with Classification Association Rule Mining"*	Peek et al *"Image Wrapping for Enhancing Consumer Applications of Head Mounted Displays"*	Papadopoulou et al *"Combining Pervasive Computing with Social Networking for a Student Environment"*	Shadi Esnaashari	
10.06am – 10.30am	Warren *"Prescription Patterns for Pacific Patients with Poor Cardiovascular Disease Medication Supply"*	Poster Teasers Five x 2 mins, 1 slide	Hawick & Playne *"Developmental Directions in Multiple and Hybrid Parallel Accelerators"*	Gail Casey	
10.30 – 11.00am	Morning Tea & Posters				
	HIKM	**AUIC**	**AusPDC**	**AWIC**	**ACE**
11.00am – 11.30am	Stell *"Building an Empirical Treatment Protocol from High-Resolution Traumatic Brain Injury Data"*	Jungmann et al *"Spatial Play Effects in a Tangible Game with an F-Formation of Multiple Players"*	Playne & Hawick *"Simulating and Benchmarking in the Shallow Water Fluid Dynamical Equations on Multiple Graphical Processing Units"*	Microsoft Invited Speaker Annette Irwin Premier Field Engineer Microsoft Services	Workshop 3
11.30am – 12.00	Perimal-Lweis *"Health Intelligence: Discovering the Process Model Using Process Mining by Constructing Start-to-End Patient Journeys"*	Dean et al *"Refining Personal and Social Presence in Virtual Meetings"*	Nunna et al *"3D FPGA versus Multiple FPGA System: Enhanced Parallelism in Smaller Area"*		
12.00 – 12.30pm	Invited Talk Maeder *"Challenges and*	Luz & Masoodian *"Involving Geographically Distributed Users in the*	Takaoka *"Efficient Parallel Algorithms for the Maximum Subarray*	*"Where to from Here?"* The future of AWIC Celebrations	

	Opportunities in eHealth"	Design of an Interactive System"	Problem"		
12.30pm – 1.30pm	Lunch ACSW chairs WG308				
1.30pm – 2.30pm	Keynote Peter Gutmann *"Bugs in the Wetware: The Psychology of Computer Insecurity"*				
2.30pm – 3.00pm	Closing Address				