



Australian Assistive Technology Conference (AATC) DAY 1

Wednesday 14th November 2018

9.00 am - 10.30 am	AATC Conference Opening The Colour of Time (Dance Performance) Melinda Smith Keynote Presentation: Associate Professor Duncan Babbage, AUT, New Zealand			
10.30 am -11.00 am	Morning Tea in Exhibition Hall			
Theme	AT Design	3D Printing, Imaging and Custom Design	Open Source & Education AT	AT Policy & Funding
11.00 am-11.20 am	Disability Tek - Callan, Mr Noah	Review of a prototyping kit to facilitate the development of client-specific adapted cutlery Brown, Dr Iain	Open source & the gold that lies within McLennan, Mr Tim	Choice and control: interpretive analysis of NDIS policy on assistive technology Steel, Dr Emily
11.20 am-11.40 am	<i>Skill-based workshop</i> Capacity building around Assistive Technology - A co-designed peer support model to building capacity and support decision making. Loizou-lake, Ms Danielle	Advanced Imaging and Manufacture in Custom Assistive Devices Slattery, Mr Peter		Landscape of AT practice levels Verdonck, Dr Michele
11.40 am-12.00 pm		A Customizable Program to Design Ankle Foot Orthoses for Children with Over-Pronation Loeskow, Mr Troy	Cert IV in Assistive Technology Mentoring Rocky Bay's experience in delivering this course to seven individuals living with disability/family carers. Smitham, Miss Danielle	Robust Credentialing Frameworks for Prescription of Assistive Technology Markham, Ms Donna

12.00 pm-1.00 pm Lunch in Exhibition Hall				
Theme	Mobility	Transport and Travel	Technology for All	Housing (panel session)
1.00 pm-1.20 pm	<i>Skill-based workshop</i> Outcome measurement in Wheeled Mobility and Seating - what is the current evidence and future opportunities? McDonald, A/Prof Rachael	Use of 3D scanning technology to determine access for people using powered mobility devices on buses. Chua, Dr. Julian	Technology for all: An advanced AT project in regional Australia Kong, Mr Kelvin	Using technology in housing: current opportunities and considerations in Australia Callaway, Ms Libby Bredin, Mr Jono Carter, Mr Ben Tregloan, A/Prof Kate Tran, Ms Queenie
1.20 pm-1.40 pm		Use of Assistive Devices for persons with intellectual disability to travel independently Khoo, Ms Sally	Innovations in Telepresence Practice and Policy Farrell, Ms Lauren	
1.40 pm-2.00 pm	Complex power wheelchair assessment: an example of ALS/disease oriented concepts Sieweke, Mr Harald	Using social return on investment analysis to value social impact of modified vehicles Berndt, Dr Angela	From zero to hero: how do you transition from an 'institution' to a smart home? Hockey, Ms Sarah	AT Training (panel session) Assistive technology training: Identifying indicators for quality Phuah, Ms Trina Lord, Ms Sue
2.00 pm-2.20 pm	Dynamic Arm support prescription for paediatric client with Spinal Muscular Atrophy Anesbury, Ms Michelle	Creating efficiencies through efficiency Wakeling, Miss Fiona	Refurbish and Reissue of AT - Supporting Users and a Circular Economy Gordon, Ms Lisa-Marie	
2.20 pm -3.00 pm Afternoon Tea in Exhibition Hall				
Theme	Virtual, Augmented and Mixed Reality	International Perspectives	AT Use and Mobility	Rehab Engineering
3.00 pm-3.20 pm	The Challenges and Triumphs of AT: A User's Perspective Potgieter, Mrs Kerrie White, Ms Clare	Unpacking the GATE position paper on assistive technology provision Steel, Dr Emily	Providing Complex Wheelchair Services under the NDIS Carpenter, Ms Belinda	<i>Oral paper:</i> Rehabilitation Engineering Centre - How are we helping? Mason, Mr Oliver

3.20 pm-3.40 pm	<i>Skills-based workshop</i> Virtual, augmented and mixed reality; an exciting rehabilitation technique, a fad, or something in between? McDonald, A/Prof Rachael	The situation of assistive products in Bangladesh by comparing Priority Assistive Product List (APL) of World Health Organization (WHO) Khan, Mr. Mehedi	Scripting power chairs, right chair for the right job and best outcome Smelter, Mr Ron	<i>Panel</i> The role of Rehabilitation Engineering in Australian AT service delivery Brown, Dr Iain Friesen, Ms Emma Hobb, Mr David Morris, Ms Kristen Slattery, Mr Peter Bingham, Mr Robert Contoyannis, Mr Bill
3.40 pm-4.00 pm		Constraints in the Assistive Technology System in Southern Africa Matter, Ms Rebecca	<i>AT spotlight:</i> Softwheel – the world’s first in-wheel suspension system Smart, Mr Steven	
4.00 pm-5.00 pm	Keynote Presentation: Melinda Smith & Meredith Allan and ARATA 25-year celebration			
5.00 pm-7.00 pm	Welcome Function in Exhibition Hall			

Australian Assistive Technology Conference (AATC) DAY 2

Thursday 15th November 2018

7.30 am-9.00 am	ARATA Breakfast Session			
9.00 am-10.00 am	Keynote Presentation – Kye Weedon and Dr Lloyd Walker			
10.00 am-10.30 am	Morning tea and exhibition			
Theme	Access Methods	Education & Skill Development	AT Practice	Smart Speakers
10.30 am-10.50 am	The Switch Access Measure: a new reliable tool for assistive technology practitioners Tilbrook, Mrs Annabelle	Teaching 'Design Thinking' to tomorrow's assistive technologists: The Swinburne University Design Factory Layton, Dr Natasha	We're not processing Tupperware orders - evolution of a high quality best practice assistive technology service delivery model Burton, Mrs Jeni	Curious about 'smart speakers'? Meet Google Home, Siri, Amazon Echo and Alexa. Phuah, Ms Trina Smith, Dr Graeme
10.50 am-11.10 am	Access Methods: An Assessment Framework for choosing the most efficient and effective method of controlling a computer or device. Solomon, Ms Sarah	A day in the life of a mainstream inclusive iPad classroom Kirkman, Mrs Jacqui	An ad hoc multidisciplinary team service delivery model for custom and complex AT Brown, Dr Iain	
11.10 am-11.30 am	When More is Better: Multiple Access Options for Computers and Devices. Solomon, Ms Sarah	<i>AT spotlight:</i> Simple set ups for environmental control at home, school or work Cullen, Ms Charlene	The role and support needs of non-clinical staff for assistive technology service in Australia Milgate, Ms Wendy	
11.30 am-11.50 am	Assessing the usability and utility of a novel facial tracking system for switch access users with complex needs: pilot trial Rich-Perrett, Miss Leonie	The future of skills development training in the AT world Gordon, Ms Lisa-Marie	Information Chains, Uses of Social Media Technologies and their Impact on Health Decision Making for People with Low Literacy Molka-danielsen, Professor Judith	

11.50 am-12.10 pm	Electronic assistive technology - real life experiences, and strategies to promote success when introducing new technologies to people with disabilities. Hockey, Ms Sarah	Creating AT opportunities: experiences of people exploring smart AT with health professionals De Jonge, Ms Desleigh	Analysis of Stability, Maneuverability in Manual Wheelchairs - Calculation and application of the Centre of gravity of a wheelchair user Contoyannis, Mr Bill	
12.10 pm-1.30 pm Lunch and exhibition with guided tours				
Theme	AT Innovations	NDIS	Smart Technologies	
1.30 pm-1.50 pm	Driving innovations in Assistive Technologies: the Medical Device Partnering Program (MDPP) Hobbs, Mr David	Adding value for customers under the NDIS Gordon, Ms Lisa-Marie	HalleyAssist: Technology trials of a non-intrusive home automation and care system Branch, A/Prof Philip	
1.50 pm-2.10 pm	An Interactive and Therapeutic Gaming System to Encourage Bimanual Use - from Research to Market Hobbs, Mr David	Computer-related technology and environmental control: Challenges with the NDIS Smith, Dr Graeme	Piloting movement sensing technology in the delivery of cognitive support to people with TBI Callaway, Ms Libby	
2.10 pm-2.30 pm	Evidence to practice: designing better custom cushions Slattery, Mr. Peter	Assistive technology as a pre-requisite for choice: the importance of connectivity, before expecting goals and planning. Tellefson, Ms Claire	Opportunities through innovation: context aware technologies transforming the smart device into a companion Parry, Ms Alicia	
2.30 pm-3.00 pm Afternoon tea and exhibition				
Theme	Panel	Eye Gaze	Neurological Conditions	iOS
3.00 pm-3.20 pm	<i>Panel</i> ; Assistive Technology Curriculum in OT Courses – designing and shaping the future Layton, Dr Natasha Lovell, Ms Robyn	Considerations and tips for getting started with eye gaze Cullen, Ms Charlene	Human Factors in the Evaluation and Use of Assistive Technology for Spinal Cord Impairment Patients Quek, Mr Lawrence	The Sky is the limit (<i>Apple accessibility</i>) Hills, Mr Christopher Hills, Mr Garry

3.20 pm-3.40 pm	McDonald, Dr Rachael Verdonk, Dr Michele Phuah, Ms Trina Callaway, Ms Libby	Just like a mouse: Exploring software options for using eye gaze to control your windows computer. Cullen, Ms Charlene	Complex mobility solutions for clients with neuromuscular degenerative disorders and high level spinal cord Injuries Pasumarthy, Mr Karthik	
3.40 pm-4.00 pm		High tech eye-gaze: Software & strategies to enhance practice Baldock, Mrs Rachelle	Still here and needing assistive technology: the complex needs of polio survivors Cantrill, Ms Stephanie	
4.00 pm-5.00 pm	Keynote Presentation: Alistair McEwin & Graeme Innes			
5.00 pm-6.00 pm	ARATA AGM			

Australian Assistive Technology Conference (AATC) DAY 3

Friday 16th November 2018

9.00 am-10.00 am	Keynote Presentation: Judy Gregurke				
10.00 am-10.30 am	Morning tea and exhibition				
Theme	Skills-Based Sessions	Communication	Housing	Workshop	
10.30 am-10.50 am	Skills-based session Controlling the World Through Your Wheelchair Fabiniak, Ms Rachel	Through the lens of a camera: societal attitudes faced by young adults using AT Ripat, Ms Jacquie	Assistive Technology and Home Automation - A Systems Engineering Perspective by an Assistive Technology User Hockey, Ms Sarah	<i>Skills-based workshop (1hr)</i> Preparing good AT / home modifications assessments / advice under the NDIS Walker, Dr Lloyd Schmidt, Ms Rachel	

10.50 am-11.10 am		Speech generating devices – the experience and meaning ascribed to these devices Verdonck, Dr Michele	Housing accessibility for people with complex disability Hockey, Ms Sarah		
11.10 am-11.30 am	<i>Skills-based session:</i> Learning movements for communication and accessing technology Beauchamp, Ms Fiona	Trials and Tribulations: adapting service delivery for better outcomes in Alternative and Augmentative Communication Hamilton, Ms Nicola	Converging worlds: Home Automation and Environmental Control Systems Dean, Mr James		
11.30 am-11.50 am			Motorised doors are not born equal – how to specify a system that works Dean, Mr James	<i>Skills-based session:</i> Measuring outcomes in AT service delivery Friesen, Dr Emma	
11.50 am-12.10 pm		AT-Node: An Evidence-Based Database to Synthesize Text Entry Performance of Computer and Communication Interfaces Arthanat, Dr Sajay	Is Google Home enough? Verdonck, Dr Michele		
12.10 pm-1.30 pm	Lunch and guided tours				
Theme	Customised AT & 3D Modelling	Switch Access & Control	Co-Design & User Experience	Mainstream technology	AT Research

1.30 pm-1.50 pm	Windows to the World: Personal and professional journeys of creative, problem-solving opening doors to endless opportunities to explore the world. Clark, Ms Deb Tilbrook, Mrs Annabelle	Factors that enhance/inhibit children with CP to access switches for leisure and communication Beauchamp, Ms Fiona	How to make co-development of technology accessible for people living with dementia and family members: Lessons from the Florence Project. Liddle, Dr Jacki	Skills workshop: Microsoft accessibility	Informing Innovation: Pulling Together to Advance AT Research in Australia De Jonge, Ms Desleigh Schuhmann, Ms Karen Layton, Dr Natasha
1.50 pm-2.10 pm	<i>Skills-based session</i> 3D Modelling and Printing workshop: Improving availability and cost of custom Assistive Technology McLennan, Mr Tim Pasumarthy, Karthik	The difficulties of finding an efficient and robust language system for one and two switch scanners: Introduction to Core scanner. Bond, Mr Benjamin	What technology developers and prescribers need to know: Perspectives of people living with dementia and their care partners Liddle, Dr Jacki		
2.10 pm-2.30 pm		In control of my life using a single switch: stories of empowerment White, Mrs Maria	Accessing exoskeleton technologies in research and clinical practice in Australia – The Consumer Experience Leonard, Ms Trish		
2.30 pm-4.00 pm	Closing Plenary Session – Ricky Buchanan, Assoc Prof Duncan Babbage, Assoc Prof Lisa O’Brien ARATA Awards				
4.00 pm-4.30 pm	Conference Farewell				