


# AATC22 Conference Program *(as at 11/11/22)*

WEDNESDAY 23 NOVEMBER: AT Workshops				
Workshops	Room L1	Room L2	Room L3	Room R5
09:00 - 12:00	<a href="#"><u>Posture, Pressure, and Personal Care: Assessment and provision of mobile shower commode chairs for people with changing needs</u></a> <i>Emma Friesen</i>	<a href="#"><u>The iPad as a Central AT Tool</u></a> <i>Graeme Smith</i>	<a href="#"><u>Power Wheelchairs and Assistive Technology Oh My... Maximising independence, safety and access for your clients</u></a> <i>Lois Brown &amp; Amy Bjornson</i>	<a href="#"><u>MAT evaluation: Building confidence and ensuring best outcomes from seating and mobility assessments</u></a> <i>Tracee-lee Maginnity</i>
12:00 - 12:30 Break for Lunch - Own Arrangements				
Workshops	Room L1	Room L2	Room L3	Room R5
12:30 - 14:30	<a href="#"><u>The OT role in selection of bed pressure management devices</u></a> <i>Belinda Carpenter</i>	<a href="#"><u>OK Google show me an assessor's guide to home automation</u></a> <i>Louise Ganer and Annabelle Tilbrook</i>	<a href="#"><u>Assessment, Prescription and Fitting of Alternative Powered Wheelchair Controls</u></a> <i>Sandra Malkin &amp; Karthik Pasumarthy</i>	<a href="#"><u>Fundamentals of Wheelchair Mounting for Assistive Technology</u></a> <i>Jade Bilusich &amp; Lisa Gore</i>
14:30 - 15:00 Break				
Workshops	Room L1	Room L2	Room L3	Room R5
15:00 - 17:00	<a href="#"><u>24 Hour Postural Management: Translating Assessment to Solutions</u></a> <i>Venesha Moodley</i>	<a href="#"><u>3D Printing for low risk AT - Applications and Implementation</u></a> <i>Tim McLennan &amp; Karthik Pasumarthy</i>	<a href="#"><u>Providing driving opportunities for clients with attendant controlled Powered Wheelchairs</u></a> <i>Michelle Anesbury</i>	<a href="#"><u>Hearing Loss: AT and Strategies</u></a> <i>Andrew Stewart</i>

THURSDAY 24 NOVEMBER				
09:00 - 10:30	AATC Conference Opening + Keynote (Dr Darryl Sellwood) (Hall L)			
10:30 - 11:00	Morning Tea and Exhibition (Hall M/N)			
Session Room	Hall L	Room L1	Room L2	Room L3
Session Theme	Seating & Mobility	AT Processes	Education & Mentoring	Sensory & Expression
11:00 - 11:20	<p><b>AT Fundamentals: Wheelchair Mobility</b> Introduction to wheeled mobility <i>Rachael McDonald &amp; Sandie Grant (Oceania Seating Symposium)</i></p>  <p><b>Oceania SEATING 2023 SYMPOSIUM</b> MELBOURNE CRICKET GROUND 21 - 23 NOVEMBER</p>	<p><b>(39)</b> LiveUp and the LifeCurve – supporting older people to maintain or regain activities of daily living through reablement and AT <i>Hillary O’Connell</i></p>	<p><b>(47)</b> Pacific Wayfinders Mentoring Programme - Strengthening rehabilitation and assistive technology sectors in Pacific Island Countries <i>Daniel Noll</i></p>	<p><b>(54)</b> Managing behaviours of concern through wheelchair interventions that allow for sensory expression and enhance participation <i>Jacelyn Goh</i></p>
11:20 - 11:40		<p><b>(41)</b> Understanding Vehicle Solution Assessments <i>Amin Akbarian</i></p>	<p><b>(61)</b> Teaching assistive technology design to engineers: Considerations in course design <i>Lauren Kark</i></p>	<p><b>(44)</b> Exploring the potential of mainstream technology to assist those with deafblindness to achieve their individual goals <i>Liz Doyle</i></p>
11:40 - 12:00		<p><b>(15)</b> Engaging AT users in the AT process: A critical discourse analysis of communication in an initial AT session. <i>Desleigh de Jonge</i></p>	<p><b>(68)</b> Assistive Technology Mentoring: Creating an Assistive Technology Workforce For and By People with a Disability <i>Robyn Chapman</i></p>	<p><b>(3)</b> A new approach to home modification and assistive product information and education services: The home environment and assistive technology hub <i>Libby Callaway</i></p>
12:00 - 12:20		<p><b>(16)</b> Are we doing with or doing for? A critical discourse analysis of AT user agency in initial AT sessions.</p>	<p><b>(38)</b> AT Chat model of assistive technology mentoring <i>Kristy Harper</i></p>	<p><b>(4)</b> The use of smart lighting to provide ambient visual prompting of teeth brushing following acquired brain injury:</p>

		<i>Desleigh de Jonge</i>		A single-case experimental design <i>Libby Callaway</i>
<b>12:20 - 13:20 Lunch and Exhibition (Hall M/N)</b>				
<b>Session Room</b>	<b>Hall L</b>	<b>Room L1</b>	<b>Room L2</b>	<b>Room L3</b>
<b>Session Theme</b>	<b>AT Fundamentals</b>	<b>Seating &amp; Mobility: Service delivery, Customisation and pressure reduction</b>	<b>Leisure</b>	
<b>13:20 - 13:40</b>	<b>AT Fundamentals: Getting started with Assistive Technology</b> AT Processes and decision-making: features, feature-matching, finding AT and AT solutions <i>Trina Phuah</i>	<b>(13)</b> Advanced manufacturing of personalised cushions <i>Peter Slattery</i>	<b>(24)</b> Beach-based leisure using assistive technology <i>Michele Verdonck</i>	<b>(30)</b> A novel program contributing to AT service provision for people with SCI <i>Bronwyn Simpson</i>
<b>13:40 - 14:00</b>		<b>(1)</b> Designing custom foam cushions for complex seating <i>Iain Brown</i>	<b>(25)</b> Bringing Joy to people with disabilities – the first accessible, disability driven sex toy. <i>Claire Lynch &amp; Heather Morrison</i>	<b>(31)</b> Sustainable loan wheelchair provision within a hospital setting <i>Karthik Pasumarthy</i>
<b>14:00 - 14:20</b>		<b>(60)</b> Wheelchair and seating models of care: A scoping review <i>Maheen Ashfaq</i>	<b>(33)</b> An adapted control system for remote controlled vehicles <i>David Simpson</i>	<b>(52)</b> Remote participation for classroom activities in special needs education <i>Futo Ito</i>
<b>14:20 - 14:40</b>		<b>(40)</b> Pressure cushion performance on armchairs – Identifying a buttock analogue for older adults. <i>Michele Verdonck</i>	<b>(36)</b> Trial of gamification using non-immersive virtual reality on fitness training following traumatic brain injury: Co-design of a cycling game with an elite BMX athlete <i>Brendan Worne</i>	<b>(58)</b> Preliminary outcomes of LEGO® Robotics Therapy with autistic adolescents <i>David Hobbs</i>
<b>14:40 - 15:20 Afternoon Tea and Exhibition (Hall M/N)</b>				
<b>Session Room</b>	<b>Hall L</b>	<b>Room L1</b>	<b>Room L2</b>	<b>Room L3</b>

Session Theme	AT Provision Schemes	Seating & Mobility: Propulsion and complex controls	Advocacy and service provision	Technology & Innovation
15:20 - 15:40	<b>AT Fundamentals: Engaging with participants and the NDIS for outcomes success</b> The NDIS aims to support participants to get the advice and AT they need. How do AT advisors support a participant to experience successful AT provision and use? <i>Lloyd Walker</i>	<b>(11)</b> Powered wheelchair suspension – pretty coloured coils or essential component for best functional outcomes <i>Tracee-lee Maginnity</i>	<b>(28)</b> Supplying AT in a consumer world <i>David Sinclair</i>	<b>(27)</b> A new approach to transfers <i>Bruce Gillespie</i>
15:40 - 16:00		<b>(49)</b> Did we consider the shoulder? <i>Rachel Fabiniak</i>	<b>(17)</b> MASS Palliative Care Equipment Program bringing equity in palliative care assistive technology access across Queensland <i>Rena Kelly</i>	<b>(26)</b> Technology and Innovation for Cerebral Palsy <i>Alistair McEwan</i>
16:00 - 16:20		<b>(10)</b> When Manual is Not Enough – Considerations of PAD to increase functional participation <i>Tracee-lee Maginnity</i>	<b>(67)</b> AT & Information Asymmetry: The Economic Imperative For AT Information Services <i>Robyn Chapman</i>	<b>(59)</b> A Custom FES-suit for Spasticity Management due to Cerebral Palsy – an end user’s experience and perspective <i>Graham Calma &amp; Henry Rischbieth</i>
16:20 - 16:40	<b>(5)</b> The Australian Assistive Technology Equity Study: Just how many assistive technology and home modifications funding schemes are there? <i>Natasha Layton</i>	<b>(32)</b> Complex wheelchair controls for clients with neuromuscular degenerative disorders and high level Spinal Cord Injuries <i>Karthik Pasumarthy</i>	<b>(51)</b> Identification: Leading tertiary healthcare to more enabling environments <i>Kristen Morris</i>	<b>(20)</b> Proposal of a control unit with Arduino for myoelectric control-type electrolarynx <i>Katsutoshi Oe</i>
16:40 - 17:00	<b>(EX)</b> Exhibition Time	<b>(EX)</b> Exhibition Time	<b>(EX)</b> Exhibition Time	<b>(2)</b> A review of the TGA’s requirements for personalised assistive technology <i>Iain Brown</i>
17:00 – 17.30	<b>Break</b>			
17.30 – 18.30	<b>Welcome Reception Drinks (Exhibition Hall)</b>			
18.45 - 22:00	<b>Conference Dinner (included with full registration): featuring inaugural Barry Seeger Oration delivered by Dr Ben Gauntlett (Panorama Ballroom)</b>			

**FRIDAY 25 NOVEMBER**

**07:45 - 08:30**

**ARATA AGM breakfast meeting (Room L1)**

**08:30 - 09:00**

**Break**

**09:00 - 10:00**

**Keynote Presentation (Dr Giulia Barbareschi) (Hall L)**

**10:00 - 10:40**

**Morning Tea and Exhibition (Hall M/N)**

Session Room	Hall L	Room L1	Room L2	Room L3
Session Theme	Co-design	Seating & Mobility: Evidence and outcomes	AT training and scope of practice	AT Process / Therapy
<b>10:40 - 11:00</b>	<b>(46)</b> MedTechVic: Developing a co-design method for development and evaluation of enabling technologies <i>Rachael McDonald</i>	<b>(8)</b> The functional benefits of power seat functions – Collecting relevant evidence from trial <i>Tracee-lee Maginnity</i>	<b>(22)</b> Teaching assistive technology practice without touching: can it be done? A team based approach. <i>Wendy Milgate</i>	<b>(48)</b> Strengthening capabilities through training in assistive products: the WHO TAP approach <i>Daniel Noll</i>
<b>11:00 - 11:20</b>	<b>(55)</b> Making for All: including people with disabilities <i>Kirsten Ellis</i>	<b>(9)</b> Considering comfort in client focused seating outcomes <i>Tracee-lee Maginnity</i>	<b>(43)</b> Assistive Technology Solutions training after graduation - a fresh look through a participatory action research lens <i>Angela Berndt</i>	<b>(62, 63, 64)</b> Growing Assistive Technology Solutions in Queensland <i>Louise Gustafsson &amp; Tanelle Hodson</i>

<b>11:20 - 11:40</b>	<b>(53)</b> The Art of Collaboration: Consumer / Therapist / Suppliers; Reducing the occurrence of AT non-use <i>Lauren Hunter &amp; John McKenna</i>	<b>(50)</b> The evidence behind standing power wheelchairs <i>Rachel Fabiniak</i>	<b>(23)</b> What is the current scope of service in assistive technology practices for recently graduated occupational therapists working in Australia? <i>Jacob Reed</i>	
<b>11:40 - 12:00</b>	<b>(37)</b> Design and development of a motivational chatbot for brain injury rehabilitation <i>Judith Hocking</i>	<b>(42)</b> Informing better manual wheelchair training: Exchanging evidence and practice knowledge <i>Kimberly Charlton</i>	<b>(37)</b> ActivATING potential: Embedding a capable Assistive Technology Assessor workforce within Interdisciplinary practice <i>Emily Nunn &amp; Sarah Evans</i>	
<b>12:00 - 13:30</b>	<b>Lunch and Exhibition (Hall M/N)</b>			
<b>Session Room</b>	<b>Hall L</b>	<b>Room L1</b>	<b>Room L2</b>	<b>Room L3</b>
<b>Session Theme</b>	<b>Outcomes</b>	<b>Telehealth</b>	<b>Virtual Reality</b>	<b>Communication and computer control</b>
<b>13:30 - 13:50</b>	<b>(6)</b> Six grand challenges in assistive technology outcomes and impacts: A call to arms for Australia <i>Natasha Layton</i>	<b>(18)</b> Evidence-based and practical approaches to prescribing assistive technology via telehealth <i>Kieran Broome</i>	<b>(65)</b> Creating Maps of Attention Using Virtual Reality (VR) for Brain Injured and Spatial Neglect Patients <i>Daniel Harvie</i>	<b>(56)</b> Raising communicative participation of young people who use AAC by realising opportunities for online conversation <i>Emma Grace</i>
<b>13:50 - 14:10</b>	<b>(7)</b> Evaluating, selecting, and implementing outcome measures for wheelchair and seating provision: An overview <i>Emma Friesen</i>	<b>(21)</b> Challenges and considerations of providing assistive technology in regional, rural and remote areas of Australia <i>Shontel Durkin</i>	<b>(66)</b> The Implementation Potential of a VR System for Use in Brain Injury Rehabilitation <i>Chelsea Marsh</i>	<b>(12)</b> Computer control for people with severe disabilities <i>Graeme Smith</i>
<b>14:10 - 14:30</b>	<b>(35)</b> Goal Attainment Scaling in an Assistive Technology Service <i>Stephanie Fountain</i>	<b>(29)</b> The use of telerehabilitation in supporting goal-setting: A scoping review <i>YuhO Okita</i>	<b>(45)</b> Virtual Reality as a remote rehabilitation tool; systematic review and co-design of a potential solution	<b>(57)</b> Electronic assistive communication technology improving communication outcomes for Adults following

			<i>Rachael McDonald</i>	a Traumatic Brain Injury?: A Review <i>Emma Beaumont</i>
<b>14:30 - 16:00</b>	<b>Closing Plenary Session + Keynote (Dr Ross Pinder) (Hall L)</b>			
<b>16:00 – 16:30</b>	<b>Conference Close</b>			