

Tuesday 5TH APRIL 2022

*Subject to change

** Please note interactive sessions will not be available on the platform after the event **

Tuesday 5 th April					
8.30	Welcome and Karakia Timatanga – Deb Wilson & Dr Taku Parai Opening address – Deb Wilson, NZ Chair				
9.00	Keynote: Amanda Lowry, Aotearoa, New Zealand Turning the tables on brokenness, fragility, and disability through whakawhanaungatanga – community connectedness, whānau and engaging in the world. 40mins + 5mins Q&A				
9.45	STRETCH & REFRESH				
	Session A	Session B	Session C	Session D	Session E
10.00	A1: International Society of Wheelchair Professionals' (ISWP) learning modules for wheelchair service providers. (60 mins) Amira Tawashy Lee Kirby Paula Rushton (Canada)	B1: The rehab role of palliative care in support of women with SCI/D and breast cancer (60 mins) <i>Intermediate – Advanced</i> LIVESTREAM INTERACTIVE SESSION Jean Minkel (USA) Bonita Sawatzky (Canada)	C1: Blazing Trails! Assessment of all-terrain wheelchairs for off road access. (60mins) Kendra Betz (USA)	D1: The intricacies of posture, vision and mobility: The developmental trajectory of self-initiated mobility. (60 mins) Teresa Plummer (USA)	E1: Choosing the right mobility device for infants and children. (60 mins) Ginny Paleg (USA)
11.00	A2: The benefits of connected chair technology to power wheelchairs users and other stakeholders. (30 mins) Rachel Fabiniak (Australia) *Followed by a 30 min LIVESTREAM panel discussion with: Karin Leire (Sweden) Mark Schmeler (USA) Fi Graham (NZ) Chair: Rachael McDonald (Australia) (30mins)	B2: Changes with Age – Giving you the justification for custom manual wheelchairs for the geriatric client. (60 mins) Christie Hamstra (Canada)	C2: Training caregivers to assist with manual wheelchair skills: An Instructional Session. (60mins) Lee Kirby Cher Smith (Canada)	D2: Slipping and Sliding: Exploring the link between horizontal shear forces and sliding frequency. (30mins) Bart Van Der Heyden (Belgium)	E2: Applying Disability Studies and Critical Disability Theory to Mobility Technology Research: Tensions Explored, Lessons Learned (60mins) Heather Feldner (USA)
11.30				D3: Segmental Assessment of Trunk Control (SATCo) (30 mins) Robert Norman Amy Bjornson (Australia)	
12.00	LUNCH & POSTERS				
	<p>P1: Whiria te tangata with Dynamic Seating - A case Study Victoria Cotton (New Zealand)</p> <p>P2: "He Took Off...Fast!": A Photo Narrative of Modified Ride-On Car Use by Children and Families. Reham Abuatiq, Heather Feldner (USA)</p> <p>P3: Trends in complex wheelchair and seating equipment provision in Tāmaki Makaurau, Aotearoa Maria Whitcombe-Shingler (NZ)</p> <p>P4: "We can do it together" Co-adaptation of the Wheelchair Skills Training Program for children Beatrice Ouellet (Canada)</p> <p>P5: Wheelchair Skill Development for a Therapy Team Amy Hughes, Maria Whitcombe Shingler (New Zealand)</p> <p>P6: Monitoring wheelchair tyre pressure as part of wheelchair user education. Bill Contoyannie, Angela Rowe, Kim Vien (Australia)</p>				

	Session A	Session B	Session C	Session D	Session E
13.00	A3: Assessment of Learning Powered mobility use – approach and application of the ALP. (90 mins) PRE-RECORD & LIVESTREAM SESSION Lisbeth Nilsson (Sweden)	B3: Finding the best available evidence - fast: A brief refresher on finding & evaluating research for the busy clinician. (90 mins) LIVESTREAM INTERACTIVE SESSION Fi Graham (New Zealand)	C3: Development and implementation of an evidence-based guideline for introducing powered mobility to infants and toddlers. (60mins) Heather Feldner Teresa Plummer (USA)	D4: 3D Printing for Seating and Mobility Dispensaries – Design and manufacturing within a clinic based format. (90mins) LIVESTREAM INTERACTIVE SESSION Richard Pasillas Victor Cavente (USA)	E3: Mobile shower commode chairs for people with larger bodies. (60mins) Emma Friesan (Netherlands)
14.00			C4: Access & Independence for Everyone – Enabling independence through power wheelchairs and alternative controls (60 mins) Scott Staunton (Australia)	D5: Ready to Roll: wheelchair skill development for therapists. (30 mins) Meg Whitelaw Michelle Smith (New Zealand)	E4: Cubro Gold Sponsor Session Seating and positioning – 24-hour posture care Helen Murray Garry Stanners (60mins)
14.30	A4: Functional Movement Disorder – where do we fit in? (30mins) Rachel Maher (New Zealand)	B4: No session at this time			
15.00	STRETCH & REFRESH				
	Session A	Session B	Session C	Session D	Session E
15.15	A5: Medix 21 Bronze Sponsor Session: Paediatric Seating in the Classroom and at Home	B5: Rehasense NZ Ltd Bronze Sponsor Session: The challenges of power-addons for wheelchair drivers – Rehasense PAWS solutions	C5: No session at this time	D6: Ottobock Bronze Sponsor Session: Ottobock The Human Empowerment Company	E5: Melrose Bronze Sponsor Session: Uniquely You, Made in NZ by Melrose Chairs.
15.30	A6: The art and science of community mat evaluations. Toolbox tips to overcome identified barriers. (60mins) Amy Bjornson (Australia)	B6: Pressure Injuries are Ageist! Why is ageing a major risk factor for pressure injury development? (60 mins) Rachel Fabiniak (Australia)	C6: The Wheel Story: Impact of wheels and tyres on manual wheelchair performance and propulsion efficiency. (60mins) Curt Prewitt (USA)	D7: Made To Move – I Am: The use and value of seated balance based movement technology and how moving with balance can change a life. (60mins) Marcus Thompson (New Zealand)	E6: The impact of seating and positioning on respiratory system function. (60 mins) Lois Brown (Australia)
16.30	A7: Invacare Gold Sponsor's session: The Ripple Effect – Evaluation of Foam Configuration in Temperature and Moisture Control (30 mins) Anna Sokol (Canada)	B7: Wheelchair and seating solutions for people with multiple sclerosis. (30 mins) Rachel Brown (New Zealand)	C7: Allied Medical Platinum Sponsor Session: Supportive Seating: Matching prescription to provision, for all children. (30mins) Laura Finney James Gilmour (Northern Ireland)	D8: How mental health is impacted by mobility: A look into the evidence. (30 mins) Rainy Wu (China)	E7: Sunrise medical Sponsor Session: Converting Energy into Motion – Quickie Nitrum (30mins) Amy Bjornson (Australia)
17.00	Finish for the day				

WEDNESDAY 6TH APRIL 2022

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Wednesday 6 th April					
8.30	Welcome & today's notices – Deb Wilson, NZ Chair				
8.40	Plenary: Understanding purpose in the Collision of Profession and Parenthood - Dr Tim Adlam (UK) (40 mins) + 5mins Q & A				
	Session A	Session B	Session C	Session D	Session E
9.30	A8: "Bridging the Gap" – Implementing a community therapist led wheelchair assessment clinic within inpatient rehabilitation wards. (15mins) Angela Kennedy (New Zealand)	B8: Strengthening the growth of sustainable wheelchair provision communities of practice: The bigger Picture (30mins) Rosie Gowran (Ireland)	C8: Analysing the cost of failing to include everyone in society with universal design. (15mins) Tim Young (New Zealand)	D9: Preliminary report on the development of a novel front wheel attachment for manual wheelchairs. (15mins) Jaimie Borisoff (Canada)	E8: Virtual training: connecting peers to communities through wheelchair skill education. (30 mins) Krista Best Celine Faure Ed Griesbrecht (Canada)
	A9: Breaking New Ground: Establishing an advanced practitioner (Wheelchair & Seating) role in Hawkes Bay. (15mins) Antjedine Borchers (New Zealand)		C9: Finite element analysis for assessment of tissue-deformation on the buttocks in the context of pressure injury. (15mins) Carlos Kramer (The Netherlands)	D10: Arjo Bronze Sponsor session The effectiveness of clinical, therapeutic seating after the Covid-19 pandemic for long term care patients. (15 mins) Martin Cominotto (Australia)	
10.00	STRETCH & REFRESH				
	Session A	Session B	Session C	Session D	Session E
10.15	A10: Where is the Pelvis? Where is the Head? An advanced look at postural support. (60 mins - LIVESTREAM) Jean Minkel (USA)	B9: From idea to innovation – a practical session on problem solving, design, disability and innovation. (2 hours LIVESTREAM INTERACTIVE WORKSHOP) Tim Adlam Louisa Cotton Roxana Ramirez-Herrera (UK)	C10: Kick the Tyres! Evaluating wheeled mobility devices for performance & safety. (60 mins) Kendra Betz (USA)	D11: The paediatric powered wheelchair standing device: a historical perspective. (60 mins) Lisa Kenyon (USA) Bonita Sawatzky (Canada)	E9: A pilot study comparing postural and functional skills in supportive vs. unsupportive Wheelchair Backs (60 mins) Jessica Pedersen (USA) Cynthia Smith (USA)
10.30					
10.45					
11.00					
11.15	STRETCH & REFRESH				
	Session A	Session B	Session C	Session D	Session E
11.30	A11: C1 South Gold Sponsor Session Facing Forward – What's Up with Head and Neck Supports (60 mins) Stephanie Tanguay (USA)	B9: Continued: From idea to innovation – a practical session on problem solving, design, disability and innovation. (2 hours LIVESTREAM INTERACTIVE WORKSHOP) Tim Adlam Louisa Cotton	C11: No session at this time	D12: Complex wheelchair and seating positioning: The postural assessment process! (60mins) Joana Santiago (Australia)	E10: Tales from the field: Using fully customised seating products. (15mins) Jenni Dabelstein (Australia)
11.45			E11: Novel method of propulsion pattern recognition in a manual wheelchair simulator. (15mins)		

		Roxana Ramirez-Herrera (UK)			Salman Nourbakhsh (Canada) E12: Perceived access to livelihoods among spinal cord injury individuals in Tanzania following Motivation Peer Training (15mins) Annabelle de Serres-Lafontaine (Canada)
12.00					
12.15					E13: Longitudinal analysis of OT students' participation in a wheelchair skills boot-camp. (15mins) Ed Giesbrecht (Canada)
12.30	LUNCH & POSTERS				
	<p>P7: <i>Blind spot sensor systems for power-wheelchairs.</i> Alice Pellichero (Canada)</p> <p>P8: <i>Getting in Trouble Together: Use of Assistive Technology to Facilitate Toddler Participation</i> Rachel Maher (New Zealand)</p> <p>P9: <i>Evaluating clinical outcomes of modular wheelchair seating solutions in Muscular Dystrophy: a case study</i> Bridget Churchill (UK)</p> <p>P10: <i>Meeting Changing Seating Needs Post Hip surgery.</i> Tracee-lee Maginnity (Australia)</p> <p>P11: <i>Use of Virtual Boundaries to Facilitate Safer Community Access: A Case Study of Customisation</i> Sandra Malkin, Richard Sutton (Australia)</p>				
	Session A	Session B	Session C	Session D	Session E
13.30	A12: Supporting psychological wellness in children and families with disabilities / medical conditions: reflections from paediatric practice. (90 mins) LIVESTREAM INTERACTIVE SESSION Nicola McDonald Helen Thorne (New Zealand)	B10: Moving towards guided self-assessment and personal budgets for seating and mobility equipment: Through the lens of Enabling Good Lives. (90m mins) LIVESTREAM INTERACTIVE SESSION NZ Ministry of Health, Mana Whaikaha and Enable NZ. (New Zealand)	C12: Exploring power mobility use – a learning approach for children and adults with cognitive impairment. A focus on the early phases of the learning process. (90 min workshop) PRE-RECORD & LIVESTREAM SESSION Lisbeth Nilsson (Sweden)	D13: Time for a Switch: The evaluation of non-proportional drive controls. (60 mins) Jay Doherty (USA)	E14: Permobil Platinum Plus Sponsor Session: Understanding the Design of Manual Wheelchairs from an Engineer's Perspective. (60 mins) Sam Baker (Australia)
14.30				D14: Physical risk factors influencing wheeled mobility in children with cerebral palsy (15mins) Jackie Casey (UK)	E15: Use of activity chairs/standing aids by people with disabilities: results from a Master thesis. (15mins) Naja Tidemann (Denmark)
14.45				D15: Power-wheelchair users with severe cognitive impairment can improve their capacities (15mins) Alice Pellichero (Canada)	E16: Tales from the field: My love affair with smart electronics (15mins) Jenni Dabelstein (Australia)

15.00 STRETCH & REFRESH					
	Session A	Session B	Session C	Session D	Session E
15.15	A13: Supporting the growth and development of wheelchair and seating therapists: a coaching approach. (60 mins) Maria Whitcombe-Shingler Alexandra Haydon (New Zealand)	B11: Permobil Platinum Plus Sponsor Session Smart Drive: New Updates and their Clinical Applications – (60mins) Sam Baker Rachel Fabiniak (Australia)	C13: The measurement of postural asymmetry in non-ambulant adults with cerebral palsy. (60 mins) Carlee Holmes (Australia)	D16: Permobil Platinum Plus Sponsor Session: Introducing the New ROHO Hybrid Select (60mins) Terri Davies Rachel Maher (New Zealand)	E17: Listening to Their Voices: Children’s and families’ perspectives of power mobility use. (60 mins) Lisa Kenyon (USA)
16.15	A14: Can user centred design be used to develop assistive technology? Testing a framework for collaboration. (60 mins) Hana Phillips Gianni Renda Rachael McDonald (Australia)	B12: Get me out of here: Manual wheelchair power add on devices. (60 mins) Mitchell Stone (Australia)	C14: Night- time positioning: Systematic approach to successful outcomes. (60 mins) Joana Santiago (Australia)	D17: No session at this time	E18: Considerations for Determining Optimal Manual Wheelchair Configuration – what are the “non-negotiables”? (60 mins) Deb Wilson Sandie Grant (New Zealand)
16.30					
17.15 17.30	GRAB A DRINK & NIBBLES FOR A MIX & MINGLE WHEELCHAIR TRIVIA QUIZZ LED BY Prof Rachael McDonald – be in to win an OSS registration for Melbourne 2023.				

THURSDAY 7TH APRIL 2022

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Thursday 7 th April					
7.00 – 8.00	Learn how the International Society of Wheelchair Professionals (ISWP) can help you! Breakfast session facilitated by ISWP – Registration link will be sent to all delegates. A zoom link will be sent via ISWP to those who have registered.				
8.30	Welcome & Open Address – 10mins				
8.40	Plenary: Mobility Equity – Jean Minkel (USA) 40mins + 5 mins Q&A				
	Session A	Session B	Session C	Session D	Session E
9.30	A15: Sunrise Medical Gold Sponsor Session: Quickie Q500 M Mini - Come learn about the ultra-compact power wheelchair that's packed with BIG performance. (30mins) Amy Bjornson (Australia)	B13: An overview of wheelchair provision education in Canadian occupational therapy programmes. (15mins) Paula Rushton Ed Giesbrecht (Canada)	C15: Postural asymmetries, pain, and ability to change position of children with cerebral palsy. (15mins) Jackie Casey (UK)	D18: Choosing cushion protection over skin protection?! (15mins) Carlos Kramer (Netherlands)	
9.45		B14: The design requirements of a telehealth wheelchair and seating assessment service for Aotearoa: A mixed methods analysis of stakeholder views. (15mins) Fi Graham (New Zealand)	C16: Their voices: What caregivers say about sleep systems for their children. (15mins) Jane Hamer (New Zealand)	D19: COVIDisruption: evolving home-based MWC skills training to full telerehabilitation delivery (15mins) Ed Giesbrecht Krista Best (Canada)	
10.00	STRETCH & REFRESH				
	Session A	Session B	Session C	Session D	Session E
10.15	A16: Using power mobility as a therapeutic intervention to support development and learning across the lifespan. (60 mins) Lisbeth Nilsson (Sweden) Lisa Kenyon (USA)	B15: Wheelchair Educators' Package: A tool to enhance wheelchair education globally. (60 mins) LIVESTREAM SESSION Paula Rushton (Canada) Mary Goldberg (USA) Yohali Burrola-Mendez (Canada) Jon Pearlman (USA) Sara Munera (USA) Rosie Gowran (Ireland) Deb Wilson (New Zealand)	C17: : How do people actually use their manual wheelchairs, and what really matters? (60 mins) Curt Prewitt (USA)	D20: Strategies for online training in seating & mobility complimented with telehealth. (60mins) Mark Schmeler Madelyn Betz (USA)	
11.15	STRETCH & REFRESH				

11.30	A17: Allied Medical Platinum Sponsor Session: Think Lego, a constructive approach for paediatric mobility (30mins) Eric Van Olst (The Netherlands)	B16: The seat cushion micro climate: Surface temperature, moisture and humidity - Effects on skin integrity. (30mins) Amy Bjornson (Australia)	C18: Allied Medical Platinum Sponsor Session Vibration's Effect on a Manual Wheelchair User (30mins) Curt Prewitt (USA)	D21: Invacare Gold Sponsor Session: Amplify the push – Using manual wheelchairs without strain and pain. (30mins) Michael Urso (Germany)	
12.00 – 13.00	LUNCH				
	Session A	Session B	Session C	Session D	Session E
13.00	A18: Diversifying Standing Opportunities for Children: Clinically reasoning the options and justifying their funding. (60 mins) Jamie Cockle (Australia)	B17: Culturally safe practice in Aotearoa New Zealand as a Wheelchair and Seating Therapist. (60mins) Jazz Fox Liz Turnbull (New Zealand)	C19: Balancing the options – Managing Pelvic Obliquity in Seating (60 mins) Angela Rowe Kim Vien (Australia)	D22: Understanding the lifespan postural issues of non-ambulant adults with CP, as measured with the Goldsmith Indices of Body Symmetry. (60 mins) Carlee Holmes (Australia)	
13.30					
14.00	A19: Allied Medical Platinum Sponsor Session: A New Frontier: Introducing the Quantum 4Front 2. (30mins) Jay Doherty (USA)	B18: Can the prescription of a mobility device facilitate increased connection to one's community? (30mins) Tracee-Lee Maginnity (Australia)	C20: Making a success of custom moulded seating. (30mins) Kate Pain (Australia)	D23: Managing Forces in Active Bodies. Dynamic seating from theory to practice. (30 mins) Amy Bjornson Robert Norman (Australia)	
14.30	Closing Keynote: Prof Rachael McDonald (Australia) Innovation or Improvement? What is the potential for the Fourth Industrial Revolution (Industry 4.0) to influence the lives of people living in wheelchairs?				
15.10 – 15.30	Upcoming events from our partners: (1min overview) ATSNZ ARATA ISS Pittsburgh OSS 2023 Farewell and Karakia Whakamutunga - Deb Wilson & Dr Taku Parai				