

## Conference Program Schedule March 20 – 22, 2025

*\*\*Room Locations subject to change – as of 03.13.25*

*ESP = Spanish to English translation sessions*

*‘Strikethrough’ of row, means course has been cancelled*

Session #	Title	Primary Presenter	Location
<b>Wednesday, March 19<sup>th</sup> 5:00pm – 7:30pm</b>			
	Exhibit Hall Open & ISS Welcome Social		Exhibit Hall
<b>Thursday, March 20<sup>th</sup> 7:30am – 8:30am</b>			
	Exhibit Hall Open - Breakfast Provided		Exhibit Hall
<b>Thursday, March 20<sup>th</sup> 8:30am – 9:30am</b>			
SS01	Welcome & Opening Remarks Opening Plenary: Opportunities and Threats on the Horizon for Complex Rehabilitation Technology	Rachel Hibbs & Mark Schmeler	Spirit Ballroom A-C
<b>Thursday, March 20<sup>th</sup> 9:30am – 9:45am</b>			
	Break		
<b>Thursday, March 20<sup>th</sup> 9:45am – 10:45am</b>			
IC01	AT: An Interdisciplinary Approach in Assessment & Treatment of Adults with Neurological Disorders	Alicia Sullivan	301-303
IC02	Sex and Sexuality in the Wheelchair User	Carina Siracusa	306-307
IC03	Beyond the Base: Responsibility of Educating on MWC Components	Christie Hamstra	315-316
IC04	Head-foot Steering in People with Movement Disorders: From Mechanical to Smart Steering Systems	Elegast Monbaliu	319-321
IC05	Eye Gaze: Not Just for Communication – Giving Back Independence Including a Unique Case Report	Erin Baker	310-311
IC06	Leveraging Mixed Methods Data to Support Access to Powered Mobility for Infants and Toddlers	Katherine Steele	317-318
IC07	Wheeled Mobility Adverse Events: Update on Common Issues and Recommended Actions	Kendra Betz	304-305
IC08	Professional Wheelchair Provision: Less Falls and Higher Satisfaction	Matthew Mesoros	309
IC09	Smart Technology, Smarter Resources: Enhancing Accessibility Through AT Database Websites	Meredith Karavolis	308
IC10	Seating The Uncomfortable	Stephanie Tanguay	Spirit Ballroom A-C
<b>Thursday, March 20<sup>th</sup> 11:00am – 11:30am</b>			
SC01	Belt Mounting Angles to Maximize Pelvic Positioning	Filipe Correia	319-321
SC02	Use of the Gait Trainer in the Early Rehabilitation Pathway of Severe Acquired Brain Injury	Andrea Rattotti	306-307
SC03	Elevating User Engagement: Comprehensive Training Approaches for Mainstream Smart Technology	Gina Novario	304-305
SC04	Creating Collaborative Environments to Engineer Better Solutions	Grace VanOrman	308

SC05	Users' Perception of an Omnidirectional Power Wheelchair for Daily Mobility-Related Activities	Jorge Candiotti	310-311
SC06	When the Ball's in Your Court: Intro to Sports Wheelchair Prescription for the Seating Clinician	Julie C Gallagher	315-316
SC07	Don't Sweat It – How to Stay Cool and Dry on Your Cushion or Mattress	Patricia Karg	317-318
SC08	Where Did You Get Yours? Understanding Postural Management for Adults with Disabilities	Rachael McDonald	301-303
SC09	Safe And Effective Power Wheelchair Battery Replacement: The Role of Clinicians and Technicians	Rainy Wu	309
SC10	Anticipating Possible and Probable Postural Events	Ruben Serrano	Spirit Ballroom A-C
<b>Thursday, March 20<sup>th</sup> 11:30am – 3:30pm</b>			
	Walkabout Lunch – Exhibit Hall		Exhibit Hall
<b>Thursday, March 20<sup>th</sup> 12:00pm – 1:00pm</b>			
	Poster Session – Exhibit Hall		Exhibit Hall
PO01	Power Assist in the Younger Population- The Good, the Bad, and What We are Learning	Deborah Humpl	
PO02	Use of Assistive Technology to Reduce Inferior Subluxation After Stroke: A Qualitative Case Study	Erika Teixeira	
PO03	Serving Tennesseans with Seating and Positioning Needs, one ride at a time	Estelle Strydom	
PO04	Challenges to Seating and Mobility Assessments for Clients with Severe Burns	Ricardo Barroso	
PO05	A Study on Support for Vehicle Assistive Devices and User Experience in Korea	Jin-i Hong	
PO06	Educating Home Care Clinicians on Power Mobility and Seating	Jo Klein	
PO07	Predicting Wheeled Mobility Prescription for Users with Spinal Cord Injury	Kiley Cruit	
PO08	A New Clinical Protocol to Evaluate Standing Transfer Function in the Gait Analysis Laboratory	Liz Koczur	
PO09	Impacts of the Jaco Robotic Arm on User Satisfaction with Performance in Everyday Activities	Lynn Gitlow	
PO10	Wheelchair Return Delivery Clinic for Inpatient Rehabilitation: Implementation and Outcomes	Megan Murphey	
PO11	Data Visualization to Drive Best Practice	Megan Murphey	
PO12	CRT Unleashed: Transforming Education for the Next Generation of Therapists	Melissa Braucht	
PO13	Tactile Sensor Integration in Ergonomic Wheelchair Pushrims	Naghmeh Zaghi	
PO14	Telehealth Wheelchair Service Provision in Rural Healthcare Systems: A Needs Assessment	Rachel Gartz Taylor	
PO15	Level of Knowledge on Postural Management Among Professionals in Spain	Rubén Serrano	
PO16	Stakeholder Perception of Geographical Barriers in the Wheelchair Service Delivery Process	Stephanie Chan	
PO17	Effect of Smart Home-Based Home Modification on the Task Performance of People with Disabilities	Suebeom Park	
PO18	Adequacy of Wheelchair Positioning in a Hospitalized Patient in La Pampa, Argentina	Walter Visñuk	
PO19	Start with Why: Empowering Active Early Mobility for Children Functioning at GMFCS V	Angela Chin	
PO20	Impact of the Community Environment on Wheelchair Propulsion in Individuals with SCI	Orestes Freixes	
<b>Thursday, March 20<sup>th</sup> 3:30pm – 5:00pm</b>			
IW01	Carbon Fiber: A Panel Discussion with Manual Wheelchair Industry Experts	Alli Speight	319-321
IW02	Clinician AND inventor? The journey of seating challenges leading towards innovation.	Bart van der Heyden	306-307
IW03	Accessible Entrances and Exits: UD Solutions for Persons Using Wheeled Mobility Devices	Cindi Petito	310-311
IW04	Night-time Positioning - Reframing our messaging	Deb Wilson	315-316

IW05	A Problem-Solving Model for Seating Assessment and Product Feature Analysis	Kelly Waugh	Spirit Ballroom A-C
IW06	Adaptive Sports Seating: Hands-On Practice with New & Known Solutions	Kendra Betz	304-305
IW07	We are in Trouble! The Problem with Disability Policy and is Sine Qua Non the Answer?	Linda Norton	308
IW08	Developing Clinical Competency and Improved Outcomes in the Prescription of Assistive Technology	Lois Brown	317-318
IW09	Using Drawing as Communication Tools: Converting Assessment Drawings to Postural Support Devices	Marie Barhouche Abou Saab	309
IW10	Impacts of Artificial Intelligence and Machine Learning on Wheeled Mobility and Seating	Rachael McDonald	301-303
<b>Thursday, March 20<sup>th</sup> 5:00pm – 7:30pm</b>			
	Exhibit Hall Reception		Exhibit Hall Reception
<b>Friday, March 21<sup>st</sup> 7:30am – 8:30am</b>			
	Exhibit Hall Open - Breakfast Provided		Exhibit Hall
<b>Friday, March 21<sup>st</sup> 8:30am – 9:30am</b>			
SS02	Keynote Day 2: Applications of Artificial Intelligence in the Complex Rehab Technology Industry	Laurie Watanabe	Spirit Ballroom A-C
<b>Friday, March 21<sup>st</sup> 9:30am – 9:45am</b>			
	Break		
<b>Friday, March 21<sup>st</sup> 9:45am – 10:45am</b>			
IC11	Addressing Pressure Injuries for Wheelchair Users: A Checklist that goes Beyond Mapping and Fit	Cathy Carver	Spirit Ballroom A-C
IC12	Power Mobility Users: Have we set them up for success?	Dawn Hameline	315-316
IC13	Are We Satisfied with Current Seating Technology Outcomes or Should We Strive to Achieve More?	Filipe Correia	308
IC14	Pelvis, Upper Trunk, Head: 3 Body Segments that Influence in Posture Stability & Comfort for Function	Silvana Contepomi	301-303
IC15	Adaptive Sports, From Evolutionary to Revolutionary: Team Approach to Maximizing Your Potential	Madelyn Betz	306-307
IC16	Elevating Critical Thinking and Clinical Decision Making in Assistive Technologies	Kimberly A Eichhorn	310-311
IC17 (ESP)	Key Resources for Mobility and Standing: Timely and Accessible Solutions	Maria Camila Alzate	319-321
IC18	Turning Outcomes Data into Happy, Healthy Patients!	Matthew Yankie	309
IC19	Wheeling Through the Lifespan: Addressing Changing Needs in the Adult Neurologic Client	Rebecca Russell	304-305
IC20	Standing Up to Barriers: A Multifactorial and Multiregional Outlook on Power Standing Wheelchairs	Stefan Morin	317-318
<b>Friday, March 21<sup>st</sup> 10:45am – 11:00am</b>			
	Break		
<b>Friday, March 21<sup>st</sup> 11:00am – 11:30am</b>			
SC11	From Reactive to Proactive: Transforming Care for Wheelchair Users	Abigail L. Ruppel	Spirit Ballroom A-C
SC12	A Journey Map of Travel for Wheelchair Users	Mark Hanson	319-321
SC13	Is Your Back Support Keeping You Cool? Microclimate Investigation of Solid Back Supports	Bart Van der Heyden	304-305
SC14	The Daily Advocate	Deborah Snow	315-316
SC15	Developing The Seating and Mobility Index: Project Updates	Juli Harrison	301-303
PS01	Paper Session 1 (15-minutes Per Paper)		310-311
PS01.1	Impact of Community-based Peer-led Ehealth Wheelchair Skills Training Program	Ed Giesbrecht	

PS01.2	Caregiver Perspectives on the Design and Long-term Impact of a Pediatric Wheelchair Skills Program	Tony Chase	
PS02	Paper Session 2 (15-minutes Per Paper)		308
PS02.1	A Tailored Eye-tracking Intervention in Children with Dyskinetic Cerebral Palsy: Multiple Case Study	Saranda Bekteshi	
PS02.2	Eye Movements and Stress During Eye-tracking Gaming in Children with Dyskinetic Cerebral Palsy	Saranda Bekteshi	
PS03	Paper Session 3 (15-minutes Per Paper)		306-307
PS03.1	Development And Assessment of the E-seating App as a Tool for Prescribing Wheelchair	Adriana Nathalie Klein	
PS03.2	Preliminary User Evaluation of a Mobile Application to Remotely Operate a Power Wheelchair	Maddie Weaver	
PS04	Paper Session 4 (15-minutes Per Paper)		317-318
PS04.1	Analysis Of Customer Reviews Using AI To Improve the Selection of Mobility-related Technology	Stephen Sprigle	
PS04.2	Development And Pilot Launch of a Rolling Resistance Clinical Decision Support Tool	Holly Wilson-Jene	
PS05	Paper Session 5 (15-minutes Per Paper)		309
PS05.1	Estimating Power Wheelchair Electronics Lifespan Based on Real-world Data	Matthew Kim	
PS05.2	Access to Maintenance and Repair Services for Wheelchairs: A Qualitative Study of Multi-stakeholder	Mariana Ospina Muriel	
<b>Friday, March 21<sup>st</sup> 11:30am – 2:30pm</b>			
	Walkabout Lunch – Exhibit Hall		Exhibit Hall
<b>Friday, March 21<sup>st</sup> 2:30pm – 3:30pm</b>			
IC21	Can We Improve Our Seating Assessments? FEA for Scoliosis Mobility Assessment Techniques	Alexander Siefert	304-305
IC22	Navigating the Continuum of Care: The Skipper’s Journey with Complex Rehab Technology (CRT)	Ginger Walls	308
IC23	Seating systems and Special Drive Controls. Cerebral Palsy vs. Neuromuscular Disease.	João Carlos Aires	Spirit Ballroom A-C
IC24	Standing- The Good, The Bad and The Ugly	Kathleen Decina	317-318
IC25	Go Baby Go- From a Community Build Event to a Clinical Tool	Kathrina Prostka	309
IC26	Upper Extremity Robotic Arms	Kelsy Brown	310-311
IC27	Adding Life to Years: Custom Seating to Improve Participation in Adults with a Childhood Disability	Lindsey Veety	306-307
IC28	Elements of Value-Based Approach to CRT Service, Policy, and Payment	Mark Schmeler	315-316
IC29	Do the Math: There’s More to Measure Than Seat Width and Depth for Optimal Seating Outcomes	Melanie Bennett Parker	319-321
IC30	Integrating the Four Pillars, Posture, Pressure, Pain, and Performance (4P™) of Wheelchair Seating	Tereassa M Davies	301-303
<b>Friday, March 21<sup>st</sup> 3:30pm – 3:45pm</b>			
	Break		
<b>Friday, March 21<sup>st</sup> 3:45pm – 4:45pm</b>			
IC31	Keeping Things Proportional: Keeping People Mobile and Independent	John Doherty	310-311
IC32	Five-year Medicare Costs and Replacement Parts for Complex Rehabilitation Technology	Corey Morrow	315-316
IC33	Pediatric Wheelchair Cushions and Backs – Matching Technology and Needs	Curt Prewitt	Spirit Ballroom A-C
IC34	FINE Line Between the ATP Assessment & Specialty LCMP Eval: Interprofessional Collaboration	Dan Fedor	317-318
IC35	Happy Triad---consumer, Clinician, Trusted Supplier Rep ---Collaboration for Mobility Solutions	John Moossa	309
IC36	Customizing Strategies to Ensure Independence with Kids and Their Powered Mobility Systems	Karen M Kangas	306-307

IC37	Spinal Muscular Atrophy: Current Approaches to Developing Functional Seating and Mobility Systems	Kathy Fisher	301-303
IC38	You've Tried EVERYTHING To Help Your Client Become a Safe PWC Driver...Or Have You?	Lindsey L. Sharpe	304-305
IC39 (ESP)	Optimal Wheelchair Propulsion in Subjects with Spinal Cord Injury in Different Contexts	Orestes Freixes	319-321
IC40	Harnessing The Power of Computer Simulations to Reveal Optimal Seated Postures	Kara Kopplin	308
<b>Friday, March 21<sup>st</sup> 4:45pm – 5:00pm</b>			
	Break		
<b>Friday, March 21<sup>st</sup> 5:00pm – 5:30pm</b>			
SC16(ESP)	Design of Supportive Products for Cerebral Palsy	Carolina Ayllon	319-321
SC17	Characteristics of Individuals Who Use Telerehabilitation for Mobility Device Evaluations	Chelsea McClammer	Spirit Ballroom A-C
SC18	How Far on Average Power Wheelchairs Travel?	Hanju Zhu	301-303
SC19	<del>With Kids, It Isn't a Wheelchair or Okay.</del>	<del>Lauren Rosen</del>	<del>304-305</del>
SC20	Rolling On: A Comparison of Wheelchair Policy and Practice on Opposite Sides of the Globe	Jackie Casey	315-316
PS06	Paper Session 6 (15-minutes Per Paper)		317-318
PS06.1	Fueling Life on Wheels (FLOW): Single-subject Study on the Effects of a Wheelchair Dance Program	Tony Chase	
PS06.2	Comparative Effectiveness Studies: Framework To Compare Power Wheelchair Manufacturers	Kevin Pritchard	
PS07	Paper Session 7 (15-minutes Per Paper)		306-307
PS07.1	Old Enough to Turn the Power On: Training Children with Power-assisted Devices	Minoo Dabiri Golchin	
PS07.2	Power-up! School's Perspectives on Children Moving from a Manual to Power Wheelchair	Minoo Dabiri Golchin	
PS08	Paper Session 8 (15-minutes Per Paper)		310-311
PS08.1	How Do Pressure Ulcer Risk Factors Change with Time Since Injury?	Stephen Sprigle	
PS08.2	Good Vibes Only: Does Using In-wheel Suspension Help to Reduce Neck and Back Pain Overtime?	Alicia Koontz	
PS011	Paper Session 11 (15-minutes Per Paper)		308
PS11.1	Lessons from Low-Resource Settings: 24/7 Postural Management Shift from Standard to Custom Devices	Marie Barhouche Abou Saab	
PS11.2	Wheelchair Provision Process: Worldwide Everyday Practices	Marta Figueiredo	
PS10	Paper Session 10 (15-minutes Per Paper)		309
PS10.1	Methods For Novel Anthropometric & Kinematic Measures of Manual Wheelchair Parameters & Fit	Dustin Tran	
PS10.2	User Feedback on Wheelchair Fitting with the International Screening Tool Wheelchair Check	Linda Julia Maria Valent	
<b>Saturday, March 22<sup>nd</sup> 8:30am – 9:30am</b>			
IC41	Preventing Burnout in Seating Therapists	Carina Siracusa	301-303
IC42	Wheelchair Considerations for Tall People with Spinal Cord Injuries	Celeste Douglas	Spirit Ballroom A-C
IC43	RESNA Code of Ethics and Standards of Practice	Andrea Van Hook	310-311
IC44	Harnessing AI to Enhance Patient Care and Operational Efficiency	Josh Lau	306-307
IC45	Prescriptions Without Limit: Breaking Barriers with Inclusion, Equality, Diversity and Accessibility	Linda Norton	309
IC46	Practical Strategies to Navigate Consumers with Complex Needs Through Multiple Areas of Healthcare	Theresa Berner	319-321

IC47	Using On Time Mobility Framework: Collaborating to Provide Infants Independent Mobility	Scott Jerome	315-316
<del>IC48</del>	<del>Exploring New Frontiers—Pressure Map Data to Support Individualized Relief Strategies</del>	<del>Tamara Vos-Draper</del>	<del>317-318</del>
IC49	The Power of The Right Pair: User-Centered Design meets Manufacturability	Tatiana Place	308
IC50	Defy Ordinary: Everyday Living in a Power Chair!	Sheila Buck	304-305
<b>Saturday, March 22<sup>nd</sup> 9:30am – 9:45am</b>			
	Break		
<b>Saturday, March 22<sup>nd</sup> 9:45am – 10:45am</b>			
IC51	New and Improved or Tried and True – Clinical Applications of Wheelchair Seating Materials	Anna Sokol	319-321
IC52	Enhancing Independence: Innovative Mounting Solutions for Wheelchair Users	Kelly Salguero	304-305
IC53	Functional Positioning - Neurodevelopmental Disorders - Pain, Stability and Postural Control	Kristine Westby	Spirit Ballroom A-C
IC54	Empowering The Client: Structuring Education About a Person's First Wheelchair	Mandy McDonald	315-316
IC55	Clinical Considerations for Implementing Head Control Systems in Power Wheelchairs	Rebecca Van Craeymeersch	317-318
IC56	Eye-tracking technology for communication and computer access in severe cerebral palsy: it works!	Saranda Bekteshi	308
IC57	Stroke and Equipment Provision: Are We Facilitating Best Outcomes?	Tina Roesler	301-303
IC58	A Call to Arms: The Journey of Upper Extremity Supports-Evaluation to Installation	William Danner	309
IC59	Ready or Not, Here I Come: Rethinking Our Approach to Powered Mobility 'Readiness' for Children	Andrina Sabet	306-307
IC60	Case Study - 3D Custom Cushion, Is this the Future of Seating?	Luke Conway	310-311
<b>Saturday, March 22<sup>nd</sup> 10:45am – 11:00am</b>			
	Break		
<b>Saturday, March 22<sup>nd</sup> 11:00am – 11:30am</b>			
SC21	Are Manual Lever Drive Wheelchairs the Future ?	Douglas G. Robins	319-321
SC22	Exploring 40 Years of Innovation and Research in Seating and Mobility: NIDILRR-Funded Insights	Fuzexia Guo	315-316
SC23	The Power of Community: Advocating for Complex Rehabilitation Technology at the State Level	Megan Murphey	301-303
SC24	Computer-based Tools for Informed Decision-Making in Wheelchair Customization	Sameer More	304-305
SC25	Maintaining Productivity Standards in a Seating and Mobility Clinic: Documenting all Clinician Tasks	Mariana Pacheco Busquets	Spirit Ballroom A-C
PS12	Paper Session 12 ( <i>15-minutes per paper</i> )		310-311
PS12.1	Psychosocial Impact of Mobility Assistive Technology on Women Veterans	Rutuja Amar Kulkarni	
PS12.2	Cross-sectional Study on Factors Associated with Concern About Falling in Wheelchair/Scooter Users	Sahel Moein	
PS13	Paper Session 13 ( <i>15-minutes per paper</i> )		308
PS13.1	Differences in Wheelchair Performance in the Community Call for Reforms	Abigail Dumm	
PS13.2	Effectiveness of 4-week Power Wheelchair Skill Training Program on Mobility Skills & Participation	Elegast Monbaliu	
PS14	Paper Session 14 ( <i>15-minutes per paper</i> )		309
PS14.1	User Perspectives on Feedforward Interfaces in Automated Wheelchair-Mounted Robotic Arms	Lesong Jia	
PS14.2	Comparing the Quality of Two Educational Transportation Games for Mobility Device Users	Sangmi Park	
PS15	Paper Session 15 ( <i>15-minutes per paper</i> )		317-318



PS15.1	Power Mobility for Uniquely Physically Challenged Pediatric Patients: Independence with Limitations	Betsy Howell	
PS15.2	Evidence to Inform Seat Height and Seat Angle Configuration for Bilateral Foot Propulsion	Ed Giesbrecht	
<b>Saturday, March 22<sup>nd</sup> 11:30am – 11:45pm</b>			
	Break		
<b>Saturday, March 22<sup>nd</sup> 11:45am – 12:45pm</b>			
SS03	Closing Session: Blazing Trails in Wheelchairs: Where We've Been & Where We're Going	Mark R. Schmeler	Spirt Ballroom A-C