



# EUROPEAN SEATING SYMPOSIUM

Incorporating Assistive Technology  
[www.seating.ie](http://www.seating.ie), [info@seating.ie](mailto:info@seating.ie)

Central  
Remedial  
Clinic

## EDUCATIONAL PARTNERS:



# CONFERENCE SCHEDULE

5th - 8th November 2013  
Burlington Hotel, Dublin

## Tuesday 5th November 2013

### PRE-SYMPOSIUM WORKSHOPS

8.15am - 9.00am	Registration
9.00am - 4.30pm	<i>Seating Assessment Referral: What now?</i> Sharon Pratt PT (USA)
9.00am - 4.30pm	<i>Seating and Assistive Technology Solutions for people with Motor Neurone Disease</i> Ciara Fitzsimons SLT, Kate Kelly OT and Daniel Caffrey OT (Ireland)
9.00am - 12.30pm & 1.00pm - 4.30pm	<i>Best Practice in Wheelchair Transportation (half-day session)</i> John Tiernan Engineer, Ciarán Simms Engineer (Ireland), Bob Appleyard (Unwin, England)
9.00am - 4.30pm	<i>Practical Wheelchair Skills Workshop</i> Roy Wild, GoKidsGo Independence Mobility (England)
9.00am - 4.30pm	<i>Pressure Management Assessment Tool (PMAT): Evaluating the Underlying Causes of Pressure Issues from a 24-Hour Functional Perspective</i> Jennifer Birt OT (Canada)
9.00am - 4.30pm	<i>The Feeling and Thinking Course: Integrating Hands-on Mat Assessment and Evidence-Based Research Findings</i> Jean Minkel PT and Susan Johnson Taylor PT (USA)

# Wednesday 6th November 2013

## PLENARY SESSION (8.30am - 11.00am)

### DUBLIN ROOM

<b>8.30 – 8.45</b>	<i>Opening Address</i> Simon Hall, Director of ESS
<b>8.45 – 9.00</b>	<i>Opening Address</i> Brian Conlon, CEO Central Remedial Clinic (Ireland)
<b>9.00 – 10.00</b>	<i>London 2012 - The Journey to my Paralympic Experience</i> Mark Rohan, Paralympic Gold Medalist (Ireland)
<b>10.00 – 11.00</b>	<i>Empowering Participation with Adaptive Sports Technologies</i> Kendra Betz, USA

**11.00 – 11.45** Exhibition & Tea/Coffee

## 11.45 - 12.30 PARALLEL SESSIONS CLINICAL PRESENTATIONS AND RESEARCH PAPER PRESENTATIONS

ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6
Clinical Presentation: <i>Rolling with adult manual wheelchair adjustments</i> Angie Kiger (USA)	Clinical Presentation: <i>Community Mobility: A group intervention to enhance mobility in the community for young adults with multiple disabilities</i> Lori Rosenburg (Israel)	Clinical Presentation: <i>Adaptive Seating, a clinical decision process is this the best we can do?</i> Efrat Shenhod (Israel)	Paediatric/ Positioning Research Papers: <i>The effects of a sustained supported flexed position in supine on neonatal surgical patients displaying muscle imbalance: a case study</i> Kirsten Lyons (Scotland) <i>Effects of seating position on the respiratory patterns in preschool children with and without cerebral palsy</i> Fran Redstone (USA) <i>Barriers and facilitators to classroom inclusion of children who use wheelchairs in mainstream schools</i> Jackie Casey (N. Ireland)	Pressure/SCI Research Papers: <i>Study of the pressure distribution in sitting position in National Hospital for Spinal Cord Injury, Toledo Spain – clinical experience</i> Vincente Cozano Berrio (Spain) <i>Spinal Cord Injury and interface pressure: the use of functional activity for pressure relief</i> May Stinson (N. Ireland) <i>Importance of complex functional approach for correct seating position in wheelchair in Spinal Cord Injury</i> Lia Vasickova (Czech Republic)	Tilt in Space Research Papers: <i>Clinical features of a cohort of electric powered wheelchair users and use of tilt in space in seating</i> Andrew Frank (England) <i>The use of tilt in space in seating systems</i> Orlagh Daly (N. Ireland))

**12.30 - 2.00** Lunch, Exhibition and Exhibitor Presentations

## 2.00 - 4.30 WORKSHOPS (3.00 - 3.30: COFFEE/TEA & EXHIBITION)

ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6
<i>Seating designed to enhance Function</i> (Advanced) Karen Missy Ball (USA)	<i>Postural Analysis – part I and II</i> (Intermediate) Rhona Fiskien (The Netherlands)	<i>When the cushion cannot do it all – considering postural support devices and back support surfaces</i> (Beginner) Bart van der Heyden (Belgium)	<i>Understanding foams and the application of their properties in seating</i> (Intermediate) Sharon Pratt (USA)	<i>Please talk to me. The effects of seating and mobility on the social interaction of the elderly</i> (Beginner - 2 hours) Sheila Buck (USA)	<i>Intrathecal baclofen team approach - An insight to clinical practice</i> Intrathecal Baclofen Team Central Remedial Clinic (1 hour)  <i>The role of positioning in the management of oral and/or pharyngeal phase Dysphagia</i> EDS Team Central Remedial Clinic (1 hour)

# Thursday 7th November 2013

## PLENARY SESSION (8.30am - 11.00am)

### DUBLIN ROOM

<b>8.30 – 9.30</b>	<i>CPUP - Surveillance Programme and National Quality Registry for CP</i> Gunnar Hägglund, MD, Professor Department of Orthopedics, University Hospital, Sweden
<b>9.30 – 10.15</b>	<i>Prevention and Treatment of muscle Contractures and Deformities in CP</i> Elisabet Rodby Bousquet, PT, PhD, Centre for Clinical Research, Centralhospital, Sweden
<b>10.15 - 11.00</b>	<i>How can we Improve Access to Powered Mobility Equipment for Young Children -</i> Ginny Paleg, <i>Physiotherapist, Montgomery County Infants And Toddlers Program, Rockville, Maryland, USA</i> Jackie Casey, <i>Occupational Therapist, University of Ulster, Jordanstown, Belfast</i> Roslyn Livingstone, <i>Sunny Hill Health Centre For Children, Vancouver, British Columbia</i> Elisabet Rodby Bousquet, <i>Centre For Clinical Research Västerås, Uppsala University, Sweden</i> Efrat Shenhod, <i>Safra Children Hospital, Children Rehabilitation Department, Assistive Technology Unit, Israel</i> Clémence Paquin, <i>Guillaume Belluard, Annecy, France</i> Katrin Thieme, <i>Otto Bock Mobility Solutions GmbH, Germany</i> Sandra Phelan, <i>Occupational Therapist, HSE Ireland</i>

### PANEL DISCUSSION

**11.00 – 11.45** Exhibition & Tea/Coffee

## 11.45 - 12.30 PARALLEL SESSIONS CLINICAL PRESENTATIONS AND RESEARCH PAPER PRESENTATIONS

ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6
Clinical Presentation: <i>Transitioning to Powered Mobility: a biopsychosocial case study</i> Niall Kirrane (Ireland)	Clinical Presentation: <i>The Role of positioning: hip health for children</i> Sonja Magnuson (Canada)	Clinical Presentation: <i>Integrating outcome assessment into practice using the functional mobility assessment</i> Elaine Halkiotis (USA)	Design Research Papers: <i>User Driven Design: embracing the challenges of engaging with end users to create real-world solutions to maximise independent living opportunities</i> Siobhan Long (Ireland)  <i>From research to design: the journey so far in the user centred development of a new wheelchair stability measurement system</i> Jill Evans (England)  <i>Development and evaluation of new version of seated posture measurement tool</i> Takashi Handa (Japan)	Forces Research Papers: <i>A comprehensive profession team approach and personalised shock absorbing positioning system for the management of movement disorders</i> Ian Deumayne Jones (England)  <i>A comparison of force exerted on rigid and dynamic backrest systems by children with cerebral palsy</i> Katika Somaneein (Scotland)  <i>Sustainability of assistive technology provision for the Santa Casa de Misericórdia de Lisboa</i> Cristina Vaz Almeida (Portugal)	Pressure Research Papers: <i>Improving outcomes in weight shifting protocols</i> Christopher Barnum (USA)  <i>The sitting behaviour of older adults on a rehab unit: the effect of seating on interface pressures, comfort, activity level and transfer ability</i> Rachel Schofield (N. Ireland)  <i>Study of effectiveness of pressure sore ulcer prevention and biomechanical and functional impact of different cushions and postural seats in patients with Spinal Cord Injury</i> Maru Marquez Apolinario (Italy)

**12.30 - 2.00** Lunch, Exhibition and Exhibitor Presentations

## 2.00 - 4.30 WORKSHOPS (3.00 - 3.30: COFFEE/TEA & EXHIBITION)

ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6
<i>I'm not straight so please don't make me. Custom seating do's and don'ts.</i> (Advanced) Sheila Buck (USA)	<i>Stroller/ Wheelchair – why parents struggle</i> (Beginner) Kathryn Fisher (Canada)  <i>The preventative approach to propulsion</i> (Beginner) Julianna Arva (Hungary)	<i>Powered Mobility Assessment – The process from intake to fitting</i> (Beginner) Catrine Traff (Sweden)	<i>Why do we do the things we do? Transfer of learning to clinical practice</i> (Intermediate) Patricia Tully (USA)	<i>Treatment is not effective unless management is proper</i> (Advanced) Joseph Renjith (Ireland)  <i>Head Positioning: clinical principles and their applications</i> (Advanced) Marco Ceritti (Italy)	<i>The shape of things to come: the importance of frame geometry to ride characteristics</i> (Intermediate) Tina Roesler (USA)  <i>Can you be active in a tilt in space chair</i> (Intermediate) Pia Hindersson (Sweden)

# Friday 8th November 2013

## PLENARY SESSION (9.00am - 11.00am)

### DUBLIN ROOM

<b>9.00 – 9.40</b>	<i>Pressure ulcer research insights : improving clinical practice</i> Bart Van der Heyden, PT (Belgium)
<b>9.40 - 10.20</b>	<i>PMAT ( Pressure Management Assessment Tool ) an overview, why it was developed and its clinical use</i> Jennifer Birt, OT, Canada
<b>10.20 - 11.00</b>	<i>Development of a Consumer-Powered Research Network for Wheeled Mobility &amp; Seating</i> Mark Schmeler, Richard Schein, University of Pittsburgh (USA)

**11.00 – 11.45** Exhibition & Tea/Coffee

### 11.45 - 12.30 PARALLEL SESSIONS CLINICAL PRESENTATIONS AND RESEARCH PAPER PRESENTATIONS

ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6	ROOM 7
Clinical Presentation: <i>Sport Wheelchair Performance</i> Kees van Bruekelen (The Netherlands)	Clinical Presentation: <i>Licence to Drive? Are you sure about that?</i> Angie Kiger (USA)	Clinical Presentation: <i>The multiple benefits of standing</i> Raimond Mooij (Switzerland)	Powered mobility Research Papers: <i>Effectiveness of the paediatric powered wheelchair screening tool in determining child readiness to drive EPIOC wheelchairs</i> Eileen McGuinness (N.Ireland) <i>Achieving consensus on best practice for use and introduction of powered mobility with children</i> Roslyn Livingstone (Canada) <i>The efficiency of driving – an investigation about energy consumption related to drive wheel position and other influencing factors on powered wheelchairs</i> Gebhard Hofstetter (Germany)	Outcome/ Service Research Papers: <i>A comparison between the goals of clinicians and parents of children using custom moulded seating systems</i> Mary McCormick (Ireland) <i>Reviewing and pursuing outcome measurement tools with individuals who have complex wheelchair and seating needs</i> Sonja Roe (Ireland) <i>Its part of my skin now: wheelchair and seating provision during a lifetime</i> Rosie Gowran (Ireland)	Shoulder Pain/ Propulsion Research Papers: <i>Vertical reaction forces during propulsion of 3 different 1 arm drive wheelchairs by hemiplegic users</i> Anne Mandy (England) <i>Adaptations in propulsion techniques during prolonged manual wheeling</i> Megan MacGillvray (Canada) <i>Wheelchair type and shoulder pain in full time manual wheelchair users with spinal cord injury</i> Lone Skriver Rose (England)	<i>Justifying wheelchair functionality - A true challenge or a myth?</i> Joana Santiago (Portugal) <i>Power seat elevator - are we dreaming?</i> Rosemary Cooper (USA)

**12.30 - 1.30** Lunch, Exhibition and Exhibitor Presentations

### 1.30 - 3.30 WORKSHOPS

ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6
<i>Outcomes and measurement tools for Children who use powered mobility</i> (Intermediate) Debbie Field (Canada)	<i>Creativity: does it still have a place in rehab</i> (Intermediate) Kathryn Fisher (Canada) <i>The intergration of smart phones, tablets and media devices with modern wheelchair control systems</i> (Intermediate) Rob Woodcock (England)	<i>Design principles for manipulation and control of posture, pressure and perturbations</i> (Advanced) Richard Pasillas (USA)	<i>Unsafe at many speeds – A team approach for safer transportation of children in passenger vehicles</i> (Beginner) Tamara Franks (USA)	<i>Collaborative Pressure Management: strategies for success</i> (Intermediate) Joanna Chisholm (Canada)	<i>I can't drive – my voice is in the way!</i> (Intermediate: 1 hour) Emma Smith (Canada) <i>What are the benefits of standing wheelchairs? Testimonial of a user</i> (Beginner) Yohann Taberlet (France)

**3.30 - 4.15** **CLOSING CEREMONY**  
Mr Simon Hall, Dr Owen Hensey, Mr Rory Cooper



## POSTERS

1. *The effects of vibration on spasticity in Spinal Cord Injury individuals: a systematic review*  
Mahsa Sadeghi (Canada)
2. *3D virtual models for simulation of the interaction between user and wheelchair*  
Fausto Medola (Brazil)
3. *Barriers encountered by wheelchair users in urban daily life in the city of Vienna. Implications for the development of an online barrier information system*  
Gudrun Diermayr (Austria)
4. *Assistive Technology and Home Modification – how does it affect people?*  
Julija Ocepik (Slovenia)
5. *Effect and experience of a dynamic sitting surface on postural control and function in children and youth with cerebral palsy*  
Erna Rosenlund Meyr (Denmark)
6. *Positioning for hip health: a clinical resource*  
Sonja Magnuson (Canada)
7. *Seat cushion adaptation for a paralympic athlete for the prevention of the reappearance of a pressure ulcer*  
Petra Grabner (Slovenia)
8. *Simulation on the effect of gravity, human body and wheelchair on active balance seating*  
Tsukada Atsushi (Japan)
9. *Seating for infants and young children with Cerebral Palsy*  
Maureen Story (Canada)
10. *Measuring parent's perception of impact of adaptive seating interventions on the lives of children with wheeled mobility needs*  
Stephen Ryan (Canada)
11. *Taking control: a case study on integrated control for an individual with Muscular Dystrophy*  
Juliann Bergin (Ireland)
12. *Wheelchair and seating assessment and prescription – developing the skills set through appropriate education and training solutions*  
Sarah Brownlee (Ireland)
13. *Electric powered indoor/outdoor provision for severely disabled people with rare inherited metabolic diseases*  
Lorraine Desouza (England)