



## Congress programme

All sessions are listed in UTC time. Please click [here](#) to access the online programme and to select your local time.

### Monday, 1 November 2021

| UTC   | Channel 1  | Channel 2  | Channel 3  | Channel 4   |
|-------|--|--|--|---|
| 13:00 | <b>Opening</b><br>Edward Lemaire   |  |  |   |
| 13:30 | <b>IC2A Inspirational Lecture: Prosthetics for All – Changing Lives through Digital Technologies (1.1)</b><br>Christopher Hutchison<br>Keynote   |  |  |   |
| 14:00 |  |  |  |   |
| 14:15 | <b>Towards Smart and Intuitive Osseointegrated Transfemoral Prostheses Embodying Dynamic Behaviours (1.2.1)</b><br>Raffaella Carloni<br>Advanced Instructional Course<br>Prosthetics: Lower Limb | <b>Orthotics: Lower Limb – Ankle Foot Orthoses (1.2.2.a-e)</b><br>Riantes P. Kruger, Cody McDonald<br>Free Paper Session<br>Orthotics: Lower Limb  | <b>Healthcare Policy and Services (1.2.3.a-e)</b><br>Subhash Sinha, Corry van der Sluis<br>Free Paper Session<br>Healthcare Policy and Services                    | <b>Digital Transformation in the Middle East</b><br>Raid Alkhatab<br>Regional Panel   |
| 15:15 | <b>Exhibitor and Poster Viewing I Networking Time</b>  |  |  | <b>Poster Viewing Session – Prosthetics 1</b>   |
| 15:45 |  |  |  |   |
| 16:00 | <b>Scientific Principles of Prosthetic Foot Design (1.3.1)</b><br>Tim Bryant<br>Symposium<br>Prosthetics: Lower Limb   | <b>Orthotic and Therapeutic Approach in Sports – From Prevention to Rehabilitation (1.3.2)</b><br>Merkur Alimusaj<br>Advanced Instructional Course<br>Sports and Physical Activity   | <b>Rehabilitation Medicine and Surgery: Lower Limb (1.3.3.a-e)</b><br>David Morgenroth, Shruti Turner<br>Free Paper Session<br>Rehabilitation Medicine and Surgery | <b>Exhibitor Workshop: Vorum</b><br>Exhibitor Workshop  |
| 16:45 |  |  |  |   |
| 17:00 |  |  |  | <b>Spentys   A digital production workflow for pediatric AFOs: from 3D scan to 3D printed pediatric AFO</b><br>Tom Claes<br>Exhibitor Workshop<br>Device Fabrication and Design |
| 17:15 | <b>Prosthetics: Lower Limb – Sockets 1 (1.4.1.a-e)</b><br>Elham Esfandiari, Natalie Vanicek<br>Free Paper Session<br>Prosthetics: Lower Limb   | <b>Conducting Worthwhile P&amp;O Research in Low-Resource Settings: What Constitutes Useful Data? A Data-Driven Approach to Drive Stakeholder-Defined Impact. (1.4.2)</b><br>Alex Dickinson<br>Symposium<br>Developing Countries | <b>Gait and Balance: Gait Analysis (1.4.3.a-e)</b><br>Carlos Galván Duque Gastélum, Hendrik Van de Meent<br>Free Paper Session<br>Gait and Balance                 |   |
| 17:30 |  |  |  |   |
| 18:15 | <b>Exhibitor and Poster Viewing I Networking Time</b>  |  |  | <b>Poster Viewing Session – Other 1</b>   |

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|-------|---|---|---|---|
| 18:45 | <b>Prosthetics: Lower Limb – Gait Biomechanics and Energy (1.5.1.a-e)</b><br>Cleveland T Barnett, Deanna Gates<br>Free Paper Session<br>Prosthetics: Lower Limb | <b>Towards Novel Solutions for Ankle-Foot Orthotics Optimization in Clinical Practice (1.5.2)</b><br>Niels Waterval<br>Advanced Instructional Course<br>Orthotics: Lower Limb | <b>Digital Transformation of Prosthetic and Orthotic Services (1.5.3)</b><br>Catherine Holloway<br>Symposium<br>Device Fabrication and Design |   |
| 19:00 |   |   |   | <b>UNYQ   UNYQ 3Dprinted Wears - Digital Innovation driving Emotional Success</b><br>Eythor Bender, Aldara Arias de Saavedra<br>Exhibitor Workshop<br>Device Fabrication and Design |
| 19:30 |   |   |   |   |
| 19:45 |   |   |   |   |
| 20:00 | <b>Prosthetics: Lower Limb 1 (1.6.1.a-e)</b><br>Carlos Galván Duque<br>Gastélum, Noah Rosenblatt<br>Free Paper Session<br>Prosthetics: Lower Limb               | <b>Prosthetics: Upper Limb 1 (1.6.2.a-e)</b><br>Katherine Davies, Jacqueline Hebert<br>Free Paper Session<br>Prosthetics: Upper Limb  | <b>Training and Therapy (1.6.3.a-e)</b><br>Karen Andrews, Mark Geil<br>Free Paper Session<br>Training and Therapy                             |   |

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|-------|--|---|--|---|
| 06:00 | <b>Strengthening Rehabilitation in a Changing World</b><br>Alarcos Cieza<br>Keynote  |   |  |   |
| 06:45 | <b>Presentation of the Forchheimer Prize</b>   |   |  |   |
| 07:00 |  |   |  |   |
| 07:15 | <b>Best Practice and Advances in Paediatric Upper Limb Prosthetics (2.2.1)</b><br>Simon Shaw<br>Symposium<br>Prosthetics: Upper Limb                                 | <b>Orthotics: Lower Limb – Foot Orthoses (2.2.2.a-e)</b><br>Jeanne Kagwiza, Pawel Maciejasz<br>Free Paper Session<br>Orthotics: Lower Limb  | <b>Phantom Limb Pain (2.2.3.a-c)</b><br>Dr. Carol Connolly, Corry van der Sluis<br>Free Paper Session<br>Phantom Limb Pain   | <b>Digital Transformation in Europe</b><br>Regional Panel   |
| 08:15 | <b>Exhibitor and Poster Viewing   Networking Time</b>  |   |  | <b>Poster Viewing Session – Prosthetics 2</b>   |
| 08:45 |  |   |  |   |
| 09:00 | <b>Prosthetics for Low-and-Middle-Income Countries (LMICs): Challenges and Opportunities (2.3.1)</b><br>Karthikeyan Kandan<br>Symposium<br>Prosthetics: Lower Limb   | <b>Innovations in the Design of Hard Rigid Braces for Adolescent Idiopathic Scoliosis Treatment (2.3.2)</b><br>Guerrino Rosellini<br>Advanced Instructional Course<br>Orthotics: Spinal                         | <b>Psychosocial Issues / Quality of Life (2.3.3.a-d)</b><br>Sarah Day, A.A. Peters<br>Free Paper Session<br>Psychosocial Issues / Quality of Life  |   |
| 10:00 |  |   |  |   |
| 10:15 | <b>LEAD (Lower Extremity Amputation Dataset): Outcome of a Global Consensus (2.4.1)</b><br>Gregory Halford<br>Symposium<br>Prosthetics: Lower Limb                   | <b>Orthotics: Spinal (2.4.2.a-e)</b><br>Alina Kuzyakina, Martin Twiste<br>Free Paper Session<br>Orthotics: Spinal   |  |   |
| 11:15 | <b>Exhibitor and Poster Viewing   Networking Time</b>  |   | <b>Poster Viewing Session – Orthotics 1</b>  | <b>Poster Viewing Session – Other 2</b>   |
| 11:45 | <b>Prosthetics: Upper Limb 2 (2.5.1.a-e)</b><br>Charlotte Bosman, Dick Plettenburg<br>Free Paper Session<br>Prosthetics: Upper Limb                                  | <b>Challenges and Opportunities: P&amp;O Education During the Covid-19 Situation (2.5.2)</b><br>Sirirat Seng-iad<br>Symposium<br>Education  | <b>Conducting Worthwhile P&amp;O Research in Low-Resource Settings: What Constitutes Good Research, and a Good Outcome? (2.5.3)</b><br>Cheryl Metcalf<br>Advanced Instructional Course<br>Developing Countries |   |
| 12:45 |  |   |  | <b>Össur   Össur Direct Socket: An Innovative Lower Limb Socket Solution</b><br>Luuk Bazelmans<br>Exhibitor Workshop<br>Prosthetics: Lower Limb |
| 13:00 | <b>Prosthetics: Lower Limb – Prosthetic Feet and Alignment (2.6.1.a-e)</b><br>Chelsey Anderson, Senay Çerezci Duygu<br>Free Paper Session<br>Prosthetics: Lower Limb | <b>Latest Developments in ISPO P&amp;O Educational Activities, Focusing on the New ISPO Education Standards, GEM2022, COVID-19 and Blended Learning (2.6.2)</b><br>Christian Schlierf<br>Symposium<br>Education | <b>Gait and Balance: Ambulatory Capacity and Balance (2.6.3.a-e)</b><br>Aliyeh Daryabor, Liselotte Hermansson<br>Free Paper Session<br>Gait and Balance  |   |
| 13:15 |  |   |  |   |
| 13:30 |  |   |  | <b>Prosthetic Design Inc.   Fabrication and Delivery</b>  |



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|-------|---|---|---|---|
| 00:00 | <b>Personalized Rehabilitation: Mapping the Links Between Prosthesis Parameters, Motor Capacity, and Clinical Outcomes for Optimizing Interventions (3.0)</b><br>Matthew Major<br>Keynote |   |   |   |
| 00:45 | <b>Presentation of the Elite Reviewer Award</b>   |   |   |   |
| 01:00 |   |   |   |   |
| 01:15 | <b>Myoelectric Control Training Using a Flexible Physical and Virtual System (3.2.1)</b><br>Michael Dawson<br>Advanced Instructional Course<br>Prosthetics: Upper Limb                    | <b>Orthotics: Device Fabrication and Design (3.2.2.a-e)</b><br>Hiroshi Hashimoto, Sumiko Yamamoto<br>Free Paper Session<br>Orthotics  | <b>Education (3.2.3.a-e)</b><br>Thomas Fitzpatrick, Bryan Malas<br>Free Paper Session<br>Education  | <b>Digital Transformation in Asia</b><br>Dr Kengo Ohnishi, M. S. Wong<br>Regional Panel   |
| 02:15 | <b>Exhibitor and Poster Viewing   Networking Time</b>   |   |   | <b>Poster Viewing Session – Other 3</b>   |
| 02:45 |   |   |   |   |
| 03:00 | <b>Sustainable, Affordable and Functional: The AERO Prosthetic Liner Course (3.3.1)</b><br>Gary Guerra Ph.D.<br>Basic Instructional Course<br>Prosthetics: Lower Limb                     | <b>Evidence-Based Practice of Gait Training in Early Post Stroke Using Lower Limb Orthoses (3.3.2)</b><br>Hiroshi Hashimoto<br>Advanced Instructional Course<br>Orthotics: Lower Limb |   |   |
| 04:00 |   |   |   | <b>Teh Lin   Step into the Future: Providing Value &amp; Function with the V-One Microprocessor Knee</b><br>Chet Dixon<br>Exhibitor Workshop<br>Prosthetics: Lower Limb |
| 04:15 | <b>Prosthetics: Lower Limb 2 (3.4.1.a-e)</b><br>Kourosh Barati, Shin Sasaki<br>Free Paper Session<br>Prosthetics: Lower Limb  | <b>Advanced Orthotic Systems for Management of Adolescent Idiopathic Scoliosis (3.4.2)</b><br>M. S. Wong<br>Symposium<br>Orthotics: Spinal  |   |   |
| 04:30 |   |   |   |   |
| 05:15 | <b>Exhibitor and Poster Viewing   Networking Time</b>   |   |   | <b>Poster Viewing Session – Orthotics 2</b>   |
| 05:45 | <b>Prosthetics: Lower Limb – Osseointegration (3.5.1.a-e)</b><br>Laurent Frossard, Kazuhiro Sakai<br>Free Paper Session<br>Prosthetics: Lower Limb  | <b>COMPASS (Consensus Outcome Measures for Prosthetic and Amputation Services): Outcomes of a Global Consensus (3.5.2)</b><br>Gregory Halford<br>Symposium<br>Outcome Measurements    | <b>Modified Transfemoral Prosthetic Undergraduate Teaching in Response to the Coronavirus Pandemic (3.5.3)</b><br>Anthony McGarry<br>Advanced Instructional Course<br>Education |   |
| 06:45 |   |   |   |   |
| 07:00 | <b>Best Practice and Advances in Adult Upper Limb Prosthetics (3.6.1)</b><br>Simon Shaw<br>Symposium<br>Prosthetics: Upper Limb   | <b>Orthotics: Lower Limb 1 (3.6.2.a-e)</b><br>Akouetevi Aduayom-Ahego, Han Houdijk<br>Free Paper Session<br>Orthotics: Lower Limb   | <b>Developing Countries: Rehabilitation Strategies (3.6.3.a-e)</b><br>Jeanne Kagwiza, Indra Vijay Singh<br>Free Paper Session<br>Developing Countries                           |   |
| 08:00 |   |   |   |   |
| 12:00 | <b>ISPO World Assembly</b>  |   |   |   |

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|-------|---|--|---|---|
| 13:00 | <b>Digital Workflows for Predictive Prosthetic Socket Design (or Why I'm Glad I Made Friends with Prosthetists and Prosthesis Users) (4.0)</b><br>Alex Dickinson<br>Keynote |  |   |   |
| 13:45 | <b>Design of Fit-For-Purpose, and Fit-For-Context, Purely Mechanical Upper Limb Prostheses (4.1.1)</b><br>Alix Chadwell<br>Symposium<br>Prosthetics: Upper Limb             | <b>Orthotics: Lower Limb 2 (4.1.2.a-e)</b><br>Christine McMonagle, Gordon Ruder<br>Free Paper Session<br>Orthotics: Lower Limb   | <b>Outcome Measurements (4.1.3.a-e)</b><br>Nienke Kerver, Thomas Schmalz<br>Free Paper Session<br>Outcome Measurements  | <b>Digital Transformation in the Americas</b><br>William Miller<br>Regional Panel   |
| 14:45 | <b>Exhibitor and Poster Viewing   Networking Time</b>   |  |   | <b>Poster Viewing Session – Other 4</b>   |
| 15:15 |   |  |   |   |
| 15:30 | <b>Prosthetics: Lower Limb – Prosthetic Knees (4.2.1.a-e)</b><br>Kerstin Hagberg, Martha Mulerwa<br>Free Paper Session<br>Prosthetics: Lower Limb                           | <b>Ankle-Foot Orthoses in Early Post-Stroke Rehabilitation (4.2.2)</b><br>Corien Nikamp<br>Symposium<br>Orthotics: Lower Limb  | <b>Starting and Managing an Osseointegration Surgical and Rehabilitation Program for Lower Limb Amputees. How I do it. (4.2.3)</b><br>Jan Paul Frölke<br>Advanced Instructional Course<br>Rehabilitation Medicine and Surgery | <b>Naked Prosthetics   Novel, Functional Solutions for Finger and Partial-Hand Amputees</b><br>Drew Leininger<br>Exhibitor Workshop |
| 15:45 |   |  |   |   |
| 16:15 |   |  |   |   |
| 16:30 |   |  |   |   |
| 16:45 | <b>Challenges of a Modern Transfemoral Socket Design (4.3.1)</b><br>Marlo Ortiz<br>Advanced Instructional Course<br>Prosthetics: Lower Limb                                 | <b>Gait and Balance: Gait over Different Terrains (4.3.2.a-e)</b><br>Deirdre Desmond, Terje Gjøvaag<br>Free Paper Session<br>Gait and Balance  | <b>Rehabilitation Medicine and Surgery: Upper Limb (4.3.3.a-e)</b><br>Helena Burger, Brenda Teddy Nakandi<br>Free Paper Session<br>Rehabilitation Medicine and Surgery  |   |
| 17:45 | <b>Exhibitor and Poster Viewing   Networking Time</b>   |  |   | <b>Poster Viewing Session – Prosthetics 3</b>   |
| 18:15 | <b>Prosthetics: Lower Limb – Sockets 2 (4.4.1.a-e)</b><br>Eileen Morrow, Joan Sanders<br>Free Paper Session<br>Prosthetics: Lower Limb                                      | <b>Prosthetics and Orthotics Education and Workforce in Sub-Saharan Africa Countries (4.4.2)</b><br>Akouetevi Aduayom-Ahego<br>Symposium<br>Developing Countries                                     | <b>COVID-19: Facing the Pandemic-Related Challenges to Implement P&amp;O Clinical Training (4.4.3)</b><br>Marcelo Álvarez Carrascosa<br>Symposium<br>Education  |   |
| 19:15 |   |  |   |   |
| 19:30 | <b>Prosthetics: Device Fabrication and Design (4.5.1.a-e)</b><br>Andreas Hahn, Han Houdijk<br>Free Paper Session<br>Prosthetics   | <b>Recent Advances in the Management of Spasticity in People with Neuromusculoskeletal Conditions (4.5.2)</b><br>Vahid Abdollah<br>Basic Instructional Course<br>Rehabilitation Medicine and Surgery | <b>Humanitarian Consequences of Migration and Disability in Latin America (4.5.3)</b><br>Oscar Bermúdez<br>Symposium<br>Developing Countries  |   |
| 20:30 | <b>Awards and Closing</b>   |  |   |   |