Rehabilitation – teamwork without borders

The Program
**Wednesday, September 16, 2015**

**Venue:** Riga Stradins University (RSU), Dzirciema Street 16, Rīga

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>9:00-12:30</td>
<td>The Riga Stradins University Autumn Rehabilitation Days Student Conference &quot;Rehabilitation is based on cooperation&quot;</td>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>10:00-12:30</td>
<td>Board Meeting (on invitations only)</td>
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<tr>
<td><strong>Room:</strong> D-512, Block A, 5th Floor</td>
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<table>
<thead>
<tr>
<th>Sep 16</th>
<th>Pre-conference workshop</th>
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<tbody>
<tr>
<td>11:00-12:30</td>
<td><strong>On CADCAM process based 3D scanning in orthosis production</strong></td>
</tr>
<tr>
<td><strong>Room:</strong> 3D, Student’s Auditorium, 1st Floor, RSU Dental Institute, Dzirciema Street 20</td>
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<tr>
<td><strong>Chairs:</strong> Martin Halemba</td>
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<table>
<thead>
<tr>
<th>Sep 18</th>
<th>Pre-conference workshop</th>
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</thead>
<tbody>
<tr>
<td>11:00-12:30</td>
<td>Rehabilitation services organization models, the Israeli experience</td>
</tr>
<tr>
<td><strong>Room:</strong> A-209, Block A, 2nd Floor, RSU Dzirciema Street 16</td>
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<tr>
<td><strong>Chairs:</strong> Iuly Treger (Israel)</td>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>13:00-15:30</td>
<td>BNC Opening Ceremony</td>
</tr>
<tr>
<td><strong>Room:</strong> The Great Hall of RSU, Dzirciema Street 16</td>
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<tr>
<td><strong>Chairs:</strong> Prof Aivars Vētra (Latvia), Assoc Prof Anita Vētra (Latvia), Prof Jan Ekholm (Sweden)</td>
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</tr>
<tr>
<td><strong>Time</strong></td>
<td><strong>Description</strong></td>
</tr>
<tr>
<td>13:00-13:15</td>
<td>Minister of Health, Minister of Welfare, Rector of Riga Stradins University</td>
</tr>
<tr>
<td>13:15-13:45</td>
<td><strong>Historical lecture.</strong> The historical aspects of biomechanics in the Baltic States and Northern Europe; context of rehabilitation – Prof Jānis Vētra (Latvia)</td>
</tr>
<tr>
<td>13:45-14:30</td>
<td><strong>Olle Höök Lecture.</strong> System wide implementation of ICF in Rehabilitation: State of the art and recent scientific developments” – Prof Gerold Stucki (Switzerland)</td>
</tr>
<tr>
<td>14:30-15:00</td>
<td>WHO perspectives on Rehabilitation and the role of ISPRM and BNF in North-East part of Europe – Prof Christoph Gutenbrunner (Germany)</td>
</tr>
<tr>
<td>15:00-15:25</td>
<td>Greetings.</td>
</tr>
<tr>
<td></td>
<td>- ISPRM (Gerold Stucki, Acting past president)</td>
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<tr>
<td></td>
<td>- ESPRM (Hank Stam, earlier president)</td>
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<tr>
<td></td>
<td>- UEMS-PRM (Alvydas Juocevicius, President)</td>
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<td></td>
<td>- EARM (Bengt Sjölund, Member of executive Committee)</td>
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<td></td>
<td>- President of Latvian Medical Association</td>
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<tr>
<td>15:25-15:30</td>
<td>Prize of European Academy (Anne Chamberlain, Chairperson of Price committee)</td>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>15:30-16:00</td>
<td>Coffee break</td>
</tr>
<tr>
<td>Time</td>
<td>Event</td>
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<td>------------------------------------------------------------------------</td>
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</tbody>
</table>
| 16:00-17:30| **Track 1, Part 1**  
**Immunology and rehabilitation I (IL1-IL2)**  
Room: The Great Hall of RSU, Dzirciema Street 16  
Chairs: Prof Christoph Gutenbrunner (Germany), Assoc Prof Signe Tomsone (Latvia)  

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>16:00-16:45</td>
<td>IL1. Immunology and fibromyalgia – Diana Kadetoff (MD, PhD) (Sweden)</td>
</tr>
<tr>
<td>16:45-17:30</td>
<td>IL2. Immunology and Post-polio – Kristian Borg (Sweden)</td>
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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>17:30-18:30</td>
<td>BNC Membership Assembly</td>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>18:30-21:00</td>
<td>Wellcome reception</td>
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</tbody>
</table>

**Thursday, September 17, 2015**  
Venue: Kīpsala International Exhibition Centre, 8 Kīpsalas Street, Rīga

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
</table>
| 9:00-10:30 | **Track 1, Part 2**  
**Immunology and rehabilitation II (IL3-IL5)**  
Room: Room 6  
Chairs: Prof Frans Nollet (Netherlands), Prof Kristian Borg (Sweden), Prof Kristina Schüldt Ekholm (Sweden)  

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>9:00-9:30</td>
<td>IL3. Immunology and rehabilitation; an overview – Christoph Gutenbrunner (Germany)</td>
</tr>
<tr>
<td>9:30-10:00</td>
<td>IL4. Postpolio immunology in relation to functioning – Frans Nollet (Netherlands)</td>
</tr>
<tr>
<td>10:00-10:30</td>
<td>IL5. Fibromyalgia and immunology in relation to depression – Boya Nugraha, PhD (Germany)</td>
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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</table>
| 9:00-10:30 | Conference workshop A  
**Communication in rehabilitation teams (IL6)**  
Room: Room 7  
Chairs: Assoc Prof Marie-Louise Schult (Sweden), Assoc Prof Monika Löfgren (Sweden), Prof Mirjam Körner (Germany)  

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>10:30-11:00</td>
<td>Coffee break/Poster viewing</td>
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<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
</table>
| 11:00-12:30| Symposium 1  
**Rehabilitation across borders – round table discussion (IL8-IL12)**  
Room: Room 6 |
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>11:00-11:10</td>
<td>IL8. Introduction to rehabilitation systems in Russia – Prof Galina Ivanova (Russia)</td>
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<tr>
<td>11:10-11:20</td>
<td>IL9. Introduction to the Scandinavian perspective of Rehabilitation – Prof Bengt Sjölund (Denmark)</td>
</tr>
<tr>
<td>11:20-11:30</td>
<td>IL10. Rehabilitation in Ukraine – Prof Volodimir Golik (Ukraine)</td>
</tr>
<tr>
<td>11:30-11:40</td>
<td>IL11. Rehabilitation system in Israel – Iuly Treger, MD (Israel)</td>
</tr>
<tr>
<td>11:40-11:50</td>
<td>IL12. Rehabilitation in Latvia and Baltic Countries – Prof Aivars Vētra (Latvia)</td>
</tr>
<tr>
<td>11:50-12:30</td>
<td>Discussion</td>
</tr>
</tbody>
</table>

**Special issue session 1**

**Communication and assistive devices (IL13-IL14, OP1-OP2)**

<table>
<thead>
<tr>
<th>Room: Room 7</th>
<th>Chairs: Inga-Lill Boman, OT, PhD (Sweden), Prof Kristian Borg (Sweden)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time</td>
<td>Session</td>
</tr>
<tr>
<td>11:00-11:30</td>
<td>IL13. Technical challenges in the field of communication - Renzo Andrich (Italy)</td>
</tr>
<tr>
<td>11:30-11:40</td>
<td>OP1. The usability of a robot in brain injury rehabilitation – Inga-Lill Boman, OT, PhD (Sweden)</td>
</tr>
<tr>
<td>11:40-11:55</td>
<td>OP2. First steps in designing an all-in-one device for persons with cognitive impairment. Inga-Lill Boman, OT, PhD (Sweden)</td>
</tr>
<tr>
<td>12:20-12:30</td>
<td>Discussion</td>
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</tbody>
</table>

**Conference workshop C**

**Acceptance & Commitment Therapy (ACT) as a first line intervention for lifestyle changes to treat and prevent chronic changes (IL15)**

<table>
<thead>
<tr>
<th>Room: Room 2</th>
<th>Chairs: Graciela Rovner, PT, PhD (Sweden), Prof Katharina Stibrant Sunnerhagen (Sweden)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time</td>
<td>Session</td>
</tr>
<tr>
<td>12:30-14:00</td>
<td>Lunch/Poster viewing</td>
</tr>
</tbody>
</table>

**Track 2, Part 1**

**Habilitation - transition from childhood to adulthood I (IL16-IL18)**

<table>
<thead>
<tr>
<th>Room: Room 6</th>
<th>Chairs: Assoc Prof Anita Vētra (Latvia), Prof Jan Ekholm (Sweden)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time</td>
<td>Session</td>
</tr>
<tr>
<td>14:00-14:30</td>
<td>IL16. Overview on transition - Prof Anne Chamberlain (United Kingdom)</td>
</tr>
<tr>
<td>14:30-15:00</td>
<td>IL17. Recent scientific work on transition from childhood to adulthood Assoc Prof Marij Roebroeck (Netherlands)</td>
</tr>
<tr>
<td>15:00-15:30</td>
<td>IL18. Adequate transition of health care from child to adult for patients with motor disability: environmental, medical and social challenges – Prof Carole Vuillerot (France)</td>
</tr>
<tr>
<td>15:30-16:00</td>
<td>Coffee break/Poster viewing</td>
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</tbody>
</table>
### Track 2, Part 2: Habilitation - transition from childhood to adulthood / (IL19-IL21)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>16:00-16:30</td>
<td>IL19. Transition from childhood to adulthood in idiopathic scoliosis patients – Prof Stefano Negrini (Italy)</td>
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<tr>
<td>16:30-17:00</td>
<td>IL20. Transition in spina bifida and early onset SCI – Prof Carlotte Kiekens (Belgium)</td>
</tr>
<tr>
<td>17:00-17:30</td>
<td>IL21. Experience of transition from childhood to adulthood in Latvia – Inga Škèstere, Assoc Prof Anita Vètra, Dace Bèrtule (Latvia)</td>
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</tbody>
</table>

### Symposium 2: Robotics and rehabilitation (IL22-IL24)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>16:00-16:30</td>
<td>IL22. Development and testing of a home-based Computer Assisted Arm Rehabilitation (hCAAR) device for upper limb exercises in stroke patients – Manoj Sivan, MD, PhD (United Kingdom) – The European Academy Prize Winner Lecture</td>
</tr>
<tr>
<td>16:30-17:00</td>
<td>IL23. The development and use of new technology in evidence based practice after stroke – Susanne Palmcrantz, PT, PhD (Sweden)</td>
</tr>
<tr>
<td>17:00-17:30</td>
<td>IL24. Technology enhanced upper limb rehabilitation - Prof Rory O’Conor (United Kingdom)</td>
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</table>

### Conclusions and round table discussion of Workshops A “Communication in rehabilitation teams” and B on interprofessional thinking

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>16:00-17:30</td>
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### September 17

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>17:30-19:00</td>
<td>WHO GATE program to global proposals in the assistive technology areas we could schedule</td>
</tr>
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</table>

### Satellite Conference workshop

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>19:30</td>
<td>The BNC International Conference Dinner</td>
</tr>
</tbody>
</table>
**Friday, September 18, 2015**

**Venue:** Ķipsala International Exhibition Centre, 8 Ķipsalas Street, Rīga

### Symposium 3, The Journal of Rehabilitation Medicine Symposium

**Stroke rehabilitation (IL25-IL27)**

<table>
<thead>
<tr>
<th>Room: Room 6</th>
<th>Chairs: Prof Katharina Stibrant Sunnerhagen (Sweden), Prof Bengt Sjölund (Sweden)</th>
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</thead>
<tbody>
<tr>
<td>Time</td>
<td>Session</td>
</tr>
<tr>
<td>9:00-9:30</td>
<td>IL25. Content of rehabilitation in stroke units – Prof Helen Rogers (United Kingdom)</td>
</tr>
<tr>
<td>9:30-10:00</td>
<td>IL26. Development of European evidence-based Recommendations for evaluation of the upper limb in neurorehabilitation – Margit Alt Murphy, Pt, PhD (Sweden)</td>
</tr>
<tr>
<td>10:00-10:30</td>
<td>IL27. Early supported discharge after stroke – Prof Mauro Zampolini (Italy)</td>
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</tbody>
</table>

### Free oral communications I (OP3-OP12)

<table>
<thead>
<tr>
<th>Room: Room 5</th>
<th>Chairs: Prof Thorsten Meyer (Germany), Prof Raimondas Kubilius</th>
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<tbody>
<tr>
<td>Time</td>
<td>Session</td>
</tr>
<tr>
<td>9:00-9:10</td>
<td>OP3. What makes up a successful rehabilitation institution? Results from the MeeR-project - Thorsten Meyer</td>
</tr>
<tr>
<td>9:10-9:20</td>
<td>OP4. Team coaching of interprofessional rehabilitation teams - Mirjam Körner</td>
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<tr>
<td>9:20-9:30</td>
<td>OP5. Challenges of interdisciplinary team in medical rehabilitation: role of social work - Ausra Budejiene</td>
</tr>
<tr>
<td>9:30-9:40</td>
<td>OP6. Rehabilitation planning using ICF criteria - Andra Greitane</td>
</tr>
<tr>
<td>9:40-9:50</td>
<td>OP7. Psychometric properties of the functioning scales for the Latvian Clinical Personality Test (LCPT) - Jelena Koļesņikova</td>
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<tr>
<td>9:50-10:00</td>
<td>OP8. Characteristics of patients at first visit to a polio clinic in Sweden - Katarina Skough Vreede</td>
</tr>
<tr>
<td>10:00-10:10</td>
<td>OP9. Multiple IVIG treatments in post-polio - Self selection of positive responders? - Gunilla Östlund</td>
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<tr>
<td>10:10-10:20</td>
<td>OP10. IVIG in patients with post-polio - responder group characteristics - Gunilla Östlund</td>
</tr>
<tr>
<td>10:20-10:30</td>
<td>OP11. Growing up ready. Give me wings that will carry me. How to prepare for an adult life with a rare diagnosis – Eli Skattebu, Kjersti Vardeberg</td>
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<tr>
<td>10:30-10:40</td>
<td>OP12. Wearable head and back posture feedback system for children with cerebral palsy - Atis Hermanis</td>
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</tbody>
</table>

### Symposium 4

**Qualitative research in rehabilitation medicine (IL28-IL31)**

<table>
<thead>
<tr>
<th>Room: Room 7</th>
<th>Chairs: Assoc Prof Monika Löfgren (Sweden), Prof Kristina Schüldt Ekholm (Sweden)</th>
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<tbody>
<tr>
<td>Time</td>
<td>Session</td>
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<tr>
<td>9:00-9:20</td>
<td>IL28. Learning from the patients’ perspective in development towards a patient centered rehabilitation. Introduction to</td>
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<tr>
<td>Time</td>
<td>Session</td>
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<tr>
<td>9:00-10:40</td>
<td>Free oral communications 2 (OP13-OP22)</td>
</tr>
<tr>
<td></td>
<td><strong>Room:</strong> Room 2</td>
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<tr>
<td></td>
<td><strong>Chairs:</strong> Prof Kristian Borg (Sweden), Prof Aet Lukmann (Estonia)</td>
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<td><strong>Time</strong></td>
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<td>9:00-9:10</td>
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<td>9:20-9:30</td>
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<td>10:00-10:10</td>
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<td>10:30-10:40</td>
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chair(s)</th>
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<tbody>
<tr>
<td>10:30-11:00</td>
<td>Coffee break/Poster viewing</td>
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<tr>
<td>11:00-12:30</td>
<td>Track 2, Part 3</td>
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<td></td>
<td>Habilitation - transition from childhood to adulthood III</td>
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<tr>
<td></td>
<td>Special Issue lectures on orthopaedics and vocational rehabilitation (IL32-IL34)</td>
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<td><strong>Room:</strong> Room 6</td>
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<tr>
<td></td>
<td><strong>Chairs:</strong> Prof Matthias Bethge (Germany), Prof Aleksandras Krisciunas (Lithuania)</td>
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<td><strong>Time</strong></td>
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<tr>
<td>11:00-11:30</td>
<td>IL32. Improving young persons’ engagement in the transition process and in their overall healthcare – Assoc Prof Rory O’Conor (United Kingdom)</td>
<td></td>
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<tr>
<td>11:30-12:00</td>
<td>IL33. Orthopedic rehabilitation of adults patients with cerebral palsy – Uliy Treger, MD (Israel)</td>
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<tr>
<td>12:00-12:30</td>
<td>IL34. Use of administrative data to evaluate the benefit of return-to-work programs – Prof Matthias Bethge (Germany)</td>
<td></td>
</tr>
</tbody>
</table>
| 11:00-12:30  | **Special issue session 2**  
**Dysphagia management (IL35-IL36)**  
Room: Room 7  
Chairs: Prof Christoph Gutenbrunner (Germany), Olga Kamaeva, MD (Russia)  
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>11:00-12:00</td>
<td>IL35. Teamwork – routine or challenge in rehabilitation of speech and swallowing disorders – Anne Uriko and the team from the Centre of Speech and Swallowing Disorders (Estonia)</td>
</tr>
<tr>
<td>12:00-12:30</td>
<td>IL36. Dysphagia management - experience in Russia – Olga Kamaeva, MD (Russia)</td>
</tr>
</tbody>
</table>
| 11:00-12:30  | **Free oral communications 3 (OP23-OP29)**  
Room: Room 2  
Chairs: Prof Anne Chamberlain (United Kingdom), Prof Ireneusz Kowalski (Poland)  
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>11:00-11:20</td>
<td>OP23. What do young adults with neurological conditions moving into adulthood want from Leeds community neurological rehabilitation service? Are we meeting their needs - Amy McCulloch</td>
</tr>
<tr>
<td>11:30-11:40</td>
<td>OP25. Normality as cultural challenge in brain injury rehabilitation - Grace Inga Romsland</td>
</tr>
<tr>
<td>11:50-12:00</td>
<td>OP27. Biopsychosocial factors predicted the functioning in daily life, social activities and occupations among person with SCI - Aušra Adomavičienė</td>
</tr>
<tr>
<td>12:00-12:10</td>
<td>OP28. Body weight supported treadmill training versus traditional training in patients dependent on walking assistance after stroke: a randomized controlled trial - Ellen Høyer</td>
</tr>
</tbody>
</table>
| 12:30-14:00  | **BNC Closing Ceremony**  
Room: Room 6  
Chairs: Prof Aivars Vētra (Latvia), Prof Kristian Borg (Sweden), Prof Henk Stam (Netherlands)  
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td></td>
<td>Presentation of poster prize winner – Prof Aivars Vētra (Latvia)</td>
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<tr>
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<td>Concluding remarks on the scientific outcomes of the conference - Prof Kristian Borg (Sweden) and Prof Henk Stam (Netherlands)</td>
</tr>
<tr>
<td></td>
<td>Presentation of the next conference</td>
</tr>
</tbody>
</table>
## Poster presentations (PP1-PP49)

### A. Immunology and post-polio rehabilitation (PP1-PP2)

<table>
<thead>
<tr>
<th>PP1</th>
<th>No elevated levels of immune complexes in serum of postpolio patients.</th>
<th>Eva Melin</th>
</tr>
</thead>
<tbody>
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