

12 December (Thursday)

- 13:45 - 19:30 **Part I: Patient Patient Profiling in Cartilage Repair: What Determines Success?**
- 14:00 - 15:00 **Session 1: Clinical Evaluation of Patients Assigned for Cartilage Repair**
- 12 min **1.1 How Does Patient History and Previous Treatments Influence Outcome ?**
Snow Martyn (UK)
- 12 min **1.2 Bad Healers versus Good Healers: How I Choose my Patients**
Verdonk Peter (BE)
- 12 min **1.3 Metabolic Disorders and its Influence on Cartilage Repair Outcome**
Erggelet Christoph (CH)
- 12 min **1.4 Joint Homeostasis and its Relevance in Cartilage Repair**
McCarthy Helen (UK)
- 12 min **Q&A | Discussion**
- 15:00 - 16:00 **Session 2: Imaging in Cartilage Repair: What Matters ?**
- 12 min **2.1 Conventional Radiographs: What Should we do and What is Important ?**
Mehl Julian (DE)
- 12 min **2.2 MRI Evaluation of Cartilage Defects**
Trattinig Siegfried (AT)
- 12 min **2.3 Early Degeneration and Joint Profiling by Imaging Technologies**
Speaker TBD (CH)
- 12 min **2.4 Imaging of Cartilage: Future Perspectives**
Jungmann Pia (DE)
- 12 min **Q&A | Discussion**
- 16:00 - 16:45 **Coffee Break**
- 16:45 - 17:45 **Session 3: Functional Assessment of Cartilage Patients Prior to Surgery**
- 12 min **3.1 Functional Assessment of Cartilage Repair Patients Prior to Surgery: The Physio View**
Wondrasch Barbara (AT)
- 12 min **3.2 Influence of Alignment on Cartilage Repair Outcome**
Mehl Julian (DE)
- 12 min **3.3 Influence of Stability on Cartilage Repair Outcome**
Herbort Mirco (DE)
- 12 min **3.4 Molecular Characterization of Cartilage Repair Patients**
McCarthy Helen (UK)
- 12 min **Q&A | Discussion**

17:45 - 18:15	Session 4: Key Note Lecture
20 min	4.1 Inflammation in Cartilage Repair: Relevance and Treatment Options <i>Lattermann Christian (US)</i>
10 min	Q&A Discussion
18:15 - 19:30	Welcome Reception

13 December (Friday)

8:45 - 18:15	Part I: Patient Patient Profiling in Cartilage Repair: What Determines Success?
9:00 - 10:00	Session 5: Standards in Cartilage Repair - Update Session
12 min	5.1 Bone Marrow Stimulation - Current Relevance and Update <i>Kreuz Peter Cornelius (DE)</i>
12 min	5.2 Biomaterials: Current Relevance and Update <i>Kon Elizaveta (IT)</i>
12 min	5.3 Cell and Tissue derived Therapies: Current Relevance and Update <i>Niemeyer Philipp (DE)</i>
12 min	5.4 Osteochondral Transplantation (Allograft and Autograft): Current Relevance and Update <i>Snow Martyn (UK)</i>
12 min	Q&A Discussion
10:00 - 10:45	Coffee Break
10:45 - 11:45	Session 6: Early Osteoarthritis and Prevention
12 min	6.1 Who is at Risk for Knee Osteoarthritis and What can be Done for Prevention <i>Lattermann Christian (US)</i>
12 min	6.2 Injection Concepts in Knee Osteoarthritis <i>Catalá-Lehnen Philip (DE)</i>
12 min	6.3 Early Osteoarthritis: Where is the Limit for Cartilage Repair <i>Angele Peter (DE)</i>
12 min	6.4 Can Injections Help to Support Surgical Cartilage Repair <i>Roessler Philip (DE)</i>
12 min	Q&A Discussion
11:45 - 12:15	Session 7: Key Note Lecture
20 min	7.1 Patient Profiling in Cartilage Repair: What Can we Learn from the Crime Scene ? <i>Simmons Serena (UK)</i>
10 min	Q&A Discussion
12:15 - 12:45	Lunch Break
12:45 - 13:15	Industry Symposium 1
13:15 - 13:45	Industry Symposium 2

- 13:45 - 14:45 **Session 8: Case Session and Discussion**
- 15 min **8.1 Case 1**
Verdonk Peter (BE)
 - 15 min **8.2 Case 2**
Kon Elizaveta (IT)
 - 15 min **8.3 Case 3**
Angele Peter (DE)
 - 15 min **8.4 Case 4**
Snow Martyn (UK)
- 14:45 - 15:15 **Session 9: Key Note Lecture**
- 20 min **9.1 What Can we Learn from Profiling and Employee Recruitment**
Speaker TBD (CH)
 - 10 min **Q&A | Discussion**
- 15:15 - 15:45 **Coffee Break**
- 15:45 - 16:15 **Session 10: Key Note Lecture**
- 20 min **10.1 My Learnings in Cartilage Repair Within the Last 20 Years**
Erggelet Christoph (CH)
 - 10 min **Q&A | Discussion**
- 16:15 - 17:15 **Session 11: Beyond Defect Size ... What Influences Outcome ?**
- 12 min **11.1 Role of Subchondral Bone**
Zellner Johannes (DE)
 - 12 min **11.2 Relevance of the Meniscus for Cartilage Repair**
Niemeyer Philipp (DE)
 - 12 min **11.3 Artificial Intelligence: What can we Learn from Big Data**
Rupp Marco (DE)
 - 12 min **11.4 What Should Influence Treatment Choice Except for Defect Size**
Verdonk Peter (BE)
 - 12 min **Q&A | Discussion**
- 17:15 - 18:15 **Session 12: Podiums Discussion & Farewell: Can Patient Profiling be Changed for Better Outcome**
Moderator: Erggelet Christoph (CH) Moderator: Niemeyer Philipp (DE)
- 19:30 - 23:30 **Course & Faculty Dinner**

14 December (Saturday)

- 8:00 - 16:00 **Part II: Juvenile Cartilage Lesions**

8:00 - 9:00	Session 13: Foundations of Juvenile Cartilage Regeneration
12 min	13.1 Epiphysis: Why Children are Different <i>Malda Jos (NL)</i>
12 min	13.2 Specific Juvenile Cartilage Lesions <i>Lattermann Christian (US)</i>
12 min	13.3 Monitoring and Prevention - Can we Influence the Future? <i>Mumme Marcus (CH)</i>
12 min	13.4 Orthobiologics in Children - Is That Even Possible? <i>Kon Elizaveta (IT)</i>
12 min	Q&A Discussion
9:00 - 10:00	Session 14: Concomitant Factors for Treatment Success
12 min	14.1 Discoid Meniscus: What (not) to do <i>Piontek Tomasz (PL)</i>
12 min	14.2 Lower Extremity Deformities <i>Imhoff Florian (CH)</i>
12 min	14.3 Hyperlaxity and Ligamentous Instability <i>Debieux Pedro (BR)</i>
12 min	14.4 Do Children Rehab Different? <i>Neudecker Moritz (DE)</i>
12 min	Q&A Discussion
10:00 - 10:30	Coffee Break
10:30 - 11:45	Session 15: Osteochondritis Dissecans (OCD)
12 min	15.1 Pathogenesis and Healing Prediction of OCD <i>Nissen Carl (US)</i>
12 min	15.2 Conservative Options: Do we Really Need to Operate? <i>Roessler Philip (DE)</i>
12 min	15.3 Suture Bridge Fixation <i>Speaker TBD (CH)</i>
12 min	15.4 Allografts <i>Speaker TBD (CH)</i>
12 min	15.5 Particulated Cartilage <i>Frings Jannik (DE)</i>
15 min	Q&A Discussion
11:45 - 12:15	Session 16: Cartilage Across a Lifespan: A Patient Journey <i>Moderator: Roessler Philip (DE)</i>
12:15 - 12:45	Lunch Break
12:45 - 13:15	Industry Symposium

- 13:15 - 14:00 **Session 17: Joint Specific Juvenile Problems**
Moderator: Roessler Philip (DE)
- 12 min **17.1 Hip**
Zinser Wolfgang (AT)
 - 12 min **17.2 Patellofemoral**
Gomoll Andreas (US)
 - 12 min **17.3 Ankle**
Plaass Christian (DE)
 - 9 min **Q&A | Discussion**
- 14:00 - 14:30 **Session 18: Farewell / Initiation of an ICRS Consensus on Juvenile Cartilage Lesions**
Moderator: Roessler Philip (DE)
- 14:30 - 00:00 **Adjourn**