

27 April (Thursday)

- 12:00 - 12:45 **Industry Sponsored Lunch Symposium**
- 13:00 - 13:15 **Welcome Address**
Speaker: Sciarretta Fabio (IT) Speaker: Verdonk Rene (BE)
- 13:15 - 15:15 **Session 1: Meniscal Allografts on the Frontstage**
Moderator: Verdonk Rene (BE) Moderator: Monllau Joan (ES)
- 13:15 - 13:25 **1.1 - Indications for Meniscal Allografts**
Monllau Joan (ES)
- 13:25 - 13:35 **1.2 - Knee Morphotyping will Change the Indications**
Verdonk Peter (BE)
- 13:35 - 13:45 **1.3 - Meniscal Allografts: From New Indications Back to Sport Success**
Smith Nick (UK)
- 13:45 - 13:55 **1.4 - Meniscal Allografts with Bone Blocks**
Monllau Joan (ES)
- 13:55 - 14:05 **1.5 - Meniscal Allografts without Bone Blocks**
Verdonk Peter (BE)
- 14:05 - 14:15 **1.6 - Meniscal Transplant: Substitution with Semitendinosus Tendon Autograft**
Rönnblad Erik (SE)
- 14:15 - 14:25 **1.7 - Meniscal Allografts & Osteotomies: Do they deserve the Frontstage?**
Siebold Rainer (DE)
- 14:25 - 14:35 **1.8 - Nusurface**
Condello Vincenzo (IT)
- 14:35 - 14:45 **1.9 - Collagen Meniscus Implants**
Zaffagnini Stefano (IT)
- 14:45 - 14:55 **1.10 - Polyurethane Meniscal Implants**
Verdonk Rene (BE)
- 14:55 - 15:15 **1.11 - Discussion**
- 15:15 - 16:00 **Session 2: MEFISTO - A European Union Project**
Moderator: Kon Elizaveta (IT) Moderator: Verdonk Peter (BE)
- 15:15 - 15:25 **2.1 - MEFISTO: Preventing Post-Meniscectomy OA**
Kon Elizaveta (IT)
- 15:25 - 15:35 **2.2 - MEFISTO Technology**
De Ruijter Mylene (NL)
- 15:35 - 15:45 **2.3 - Can we predict the Post-Meniscectomy OA?**
Verdonk Peter (BE)
- 15:45 - 16:00 **2.4 - Discussion**
- 16:00 - 16:45 **Coffee Break / Exhibition**

- 16:45 - 18:30 **Session 3: Bone Allografts on The Frontstage**
Moderator: Grande Daniel (US) Moderator: Madry Henning (DE)
- 16:45 - 16:55 **3.1 - Synthetic Bone Grafts Overview**
Vonk Lucienne (SE)
- 16:55 - 17:05 **3.2 - Signalling Proteins**
Madry Henning (DE)
- 17:05 - 17:15 **3.3 - Collagen**
O'Brien Fergal (IE)
- 17:15 - 17:25 **3.4 - Demineralised Cancellous Bone**
Terzidis Ioannis (GR)
- 17:25 - 17:35 **3.5 - Tissue Forming Cells**
Grande Daniel (US)
- 17:35 - 17:45 **3.6 - Osteochondral Allografts (Pre-Recorded)**
Bugbee William (US)
- 17:45 - 17:55 **3.7 - Custom Allografts**
Hangody Laszlo (HU)
- 17:55 - 18:05 **3.8 - Living Allograft Tissue: Future Opportunities**
Saris Daniel BF (US)
- 18:05 - 18:30 **3.9 - Discussion**
- 18:30 - 19:30 **Welcome Reception**

28 April (Friday)

- 8:30 - 9:45 **Session 4: Soft Tissue Allografts for Ligament Reconstruction**
Moderator: Zaffagnini Stefano (IT) Moderator: Verdonk Rene (BE)
- 08:30 - 08:40 **4.1 - Achilles Tendon Allograft for ACL Reconstruction**
Zaffagnini Stefano (IT)
- 08:40 - 08:50 **4.2 - Bone Patellar Bone Tendon Allograft for ACL Reconstruction**
Tandogan Reha (TR)
- 08:50 - 09:00 **4.3 - Quadriceps Tendon Allograft for ACL Reconstruction**
Lane John (US)
- 09:00 - 09:10 **4.4 - Quadrupled Hamstring Allografts for ACL Reconstruction**
Iosifidis Michael (GR)
- 09:10 - 09:20 **4.5 - Xenografts**
Cugat Bertomeu Ramón (ES)
- 09:20 - 09:30 **4.6 - Tibialis Tendons Allografts**
Verdonk Rene (BE)
- 09:30 - 09:45 **4.7 - Discussion**

9:45 - 10:55

Session 5: "Off the Shelf" Allografts for Cartilage Repair

Moderator: Hangody Laszlo (HU) Moderator: Lane John (US)

09:45 - 09:55

5.1 - Viable Osteochondral Allograft (Cartiform)

Saris Daniel BF (US)

09:55 - 10:05

5.2 - Tissue-Engineered Allogeneic Osteochondral Graft (EB-OC)

Fortier Lisa (US)

10:05 - 10:15

5.3 - Decellularized Osteochondral Allograft (Chondrofix) (Pre-Recorded)

Bugbee William (US)

10:15 - 10:25

5.4 - Extracellular Matrix Allograft (Biocartilage)

Fortier Lisa (US)

10:25 - 10:35

5.5 - Particulated Juvenile Allograft (Denovo NT)

Lane John (US)

10:35 - 10:55

5.6 - Discussion

10:55 - 11:25

Coffee Break / Exhibition

11:25 - 13:00

Session 6: Scaffolds for Cartilage Repair: Proteins & Polisaccharides

Moderator: Sciarretta Fabio (IT) Moderator: Biant Leela (UK)

11:25 - 11:35

6.1 - Chondro-Gide Collagen Membrane

Steinwachs Matthias (CH)

11:35 - 11:45

6.2 - Biocollagen Scaffold (Merg)

Gigante Antonio Pompilio (IT)

11:45 - 11:55

6.3 - Hyaluronic Acid Scaffold (Hyalofast)

Sciarretta Fabio (IT)

11:55 - 12:05

6.4 - Tri-Phasic Collagen - HA Biomimetic Scaffolds (Maioregen)

Zaffagnini Stefano (IT)

12:05 - 12:15

6.5 - ACI Collagen Gel Scaffold (Cares)

Nehrer Stefan (AT)

12:15 - 12:25

6.6 - ACI Cell-free Collagen Scaffold (Cartimaix)

Biant Leela (UK)

12:25 - 12:35

6.7 - ACI 3D Biphasic Collagen Scaffold (Novocart 3D)

Marlovits Stefan (AT)

12:35 - 12:45

6.8 - ACI Algarose Alginate Scaffold

Verdonk Peter (BE)

12:45 - 13:00

6.9 - Discussion

13:00 - 14:00

Lunch Break

- 14:00 - 15:50 **Session 7: Scaffolds for Cartilage Repair: Synthetic Scaffolds & Hydrogels**
Moderator: Erggelet Christoph (CH) Moderator: Sciarretta Fabio (IT)
- 14:00 - 14:10 **7.1 - Polyglycolic Acid / Hyaluronic Acid Sponge (Chondrotissue)**
McDermott Ian (UK)
- 14:10 - 14:20 **7.2 - ACI 3D Bioresorbable Gel-polymer Scaffold (Bioseed-c)**
Erggelet Christoph (CH)
- 14:20 - 14:30 **7.3 - Inorganic Calcium Carbonate Scaffold (Agili-C™)**
Kon Elizaveta (IT)
- 14:30 - 14:40 **7.4 - Cartilage Like Polymer (Cartiva)**
Sciarretta Fabio (IT)
- 14:40 - 14:50 **7.5 - Acellular Collagen Injectable Hydrogel (Chondrofiller)**
Kückelmann Stephan (DE)
- 14:50 - 15:00 **7.6 - Atelocollagen Injectable Hydrogel (Cartifill)**
McNicholas Mike (UK)
- 15:00 - 15:10 **7.7 - Chitosan Soluble Liquid Scaffold (BST Cargel)**
Steinwachs Matthias (CH)
- 15:10 - 15:20 **7.8 - Chitosan Thermogel Polymer Injectable Hydrogel (Jointrep)**
Laver Lior (UK)
- 15:20 - 15:50 **7.9 - Discussion**
- 15:50 - 16:20 **Coffee Break / Exhibition**
- 16:20 - 18:00 **Session 8: Synthetic Polymeric Materials for Cartilage Repair**
Moderator: Grande Daniel (US) Moderator: Verdonk Rene (BE)
- 16:20 - 16:30 **8.1 - (PGA) Glycolic Acid**
Maffulli Nicola (UK)
- 16:30 - 16:40 **8.2 - Bioglass**
Hatton Paul (UK)
- 16:40 - 16:50 **8.3 - Chitosan**
Gelinsky Michael (DE)
- 16:50 - 17:00 **8.4 - Nanomaterials**
Guicheux Jerome (FR)
- 17:00 - 17:10 **8.5 - Biomimetic Materials**
O'Brien Fergal (IE)
- 17:10 - 17:20 **8.6 - (PLGA) Polylactic-co-glycolic Acid**
Grande Daniel (US)
- 17:20 - 17:30 **8.7 - (PCL) Polycaprolactone**
De Ruijter Mylene (NL)
- 17:30 - 17:40 **8.8 - Composite Materials**
Karperien Marcel (NL)
- 17:40 - 18:00 **8.9 - Discussion**
- 19:00 - 23:00 **Course / Faculty Dinner**

29 April (Saturday)

- 9:00 - 10:15 **Session 9: Native Biological Scaffolds for Cartilage Repair**
Moderator: Cucchiarini Magali (DE) Moderator: Vonk Lucienne (SE)
- 09:00 - 09:10 **9.1 - Fibrin Scaffolds**
Abazovic Dzihan (ME)
- 09:10 - 09:20 **9.2 - Platelet Rich Fibrin Sealant (Vivostat)**
Beyzadeoglu Tahsin (TR)
- 09:20 - 09:30 **9.3 - Nanocellulose-Alginate Scaffolds**
Vonk Lucienne (SE)
- 09:30 - 09:40 **9.4 - Hyaluronic Acid Scaffolds**
De Ruijter Mylene (NL)
- 09:40 - 09:50 **9.5 - Alginate**
Cucchiarini Magali (DE)
- 09:50 - 10:00 **9.6 - ADSCs In Natural Gel Scaffold (Chondroreal)**
Skarpas George (GR)
- 10:00 - 10:15 **9.7 - Discussion**
- 10:15 - 10:45 **Coffee Break / Exhibition**
- 10:45 - 12:00 **Session 10: Injectables - Alternatives to Implants**
Moderator: Kon Elizaveta (IT) Moderator: Kyriakidis Theofylaktos (BE)
- 10:45 - 10:55 **10.1 - Non Biodegradable Hydrogel Injection**
McNicholas Mike (UK)
- 10:55 - 11:05 **10.2 - Adipose Culture-Expanded Cells Transplantation**
Kyriakidis Theofylaktos (BE)
- 11:05 - 11:15 **10.3 - Can we preserve the Degenerative Meniscus?**
Kon Elizaveta (IT)
- 11:15 - 11:25 **10.4 - Athletes: Injectables or Surgery?**
Sas Kristof (BE)
- 11:25 - 11:35 **10.5 - OA Injectables or Implants? Use of PRP**
Cugat Bertomeu Ramón (ES)
- 11:35 - 11:45 **10.6 - OA Injectables or Implants? Use of BMAC**
Gobbi Alberto (IT)
- 11:45 - 12:00 **10.7 - Discussion**
- 12:00 - 13:00 **Session 11: Do We Have A Consensus?**
Moderator: Laver Lior (UK) Moderator: Gobbi Alberto (IT)
- 12:00 - 12:10 **11.1 - ORBIT - ESSKA Consensus**
De Girolamo Laura (IT)
- 12:10 - 12:20 **11.2 - ICRS - ESSKA - RAND Consensus**
Sas Kristof (BE)
- 12:20 - 12:30 **11.3 - ESSKA Allograft Consensus**
Verdonk Peter (BE)
- 12:30 - 12:40 **11.4 - ICRS Consensus on Scaffolds**
Kon Elizaveta (IT)
- 12:40 - 13:00 **11.6 - Discussion**
- 13:00 - **Adjourn**
- 13:01 - 14:00 **Break (Lunch on your own)**

14:00 - 16:00 **Optional Product/Industry Workshops**