



AO Orthopaedic Research Summit

16 -19 June 2025 · Davos · Switzerland



New Investigators Networking Event

Time 16 June · 19:00
Place Kaffee Klatsch
Promenade 38
7270, Davos Platz

All new investigators are invited to participate in this social event. It will be a great opportunity to encourage professional networking and start new relations in a relaxed atmosphere.

A new investigator is an undergraduate, graduate, resident, PhD student or up to 5 years from PhD.

Participation: Pre-booking only.



Run/Walk Around Davos Lake

Time 17 June · 15:00
Place Davos Lake
Seepromenade 7
7260, Davos Dorf

Join us at the beautiful Davos Lake where you can stretch your legs, enjoy great company, and build connections with peers, speakers, and experts from across the conference.

Participation: Pre-booking only.

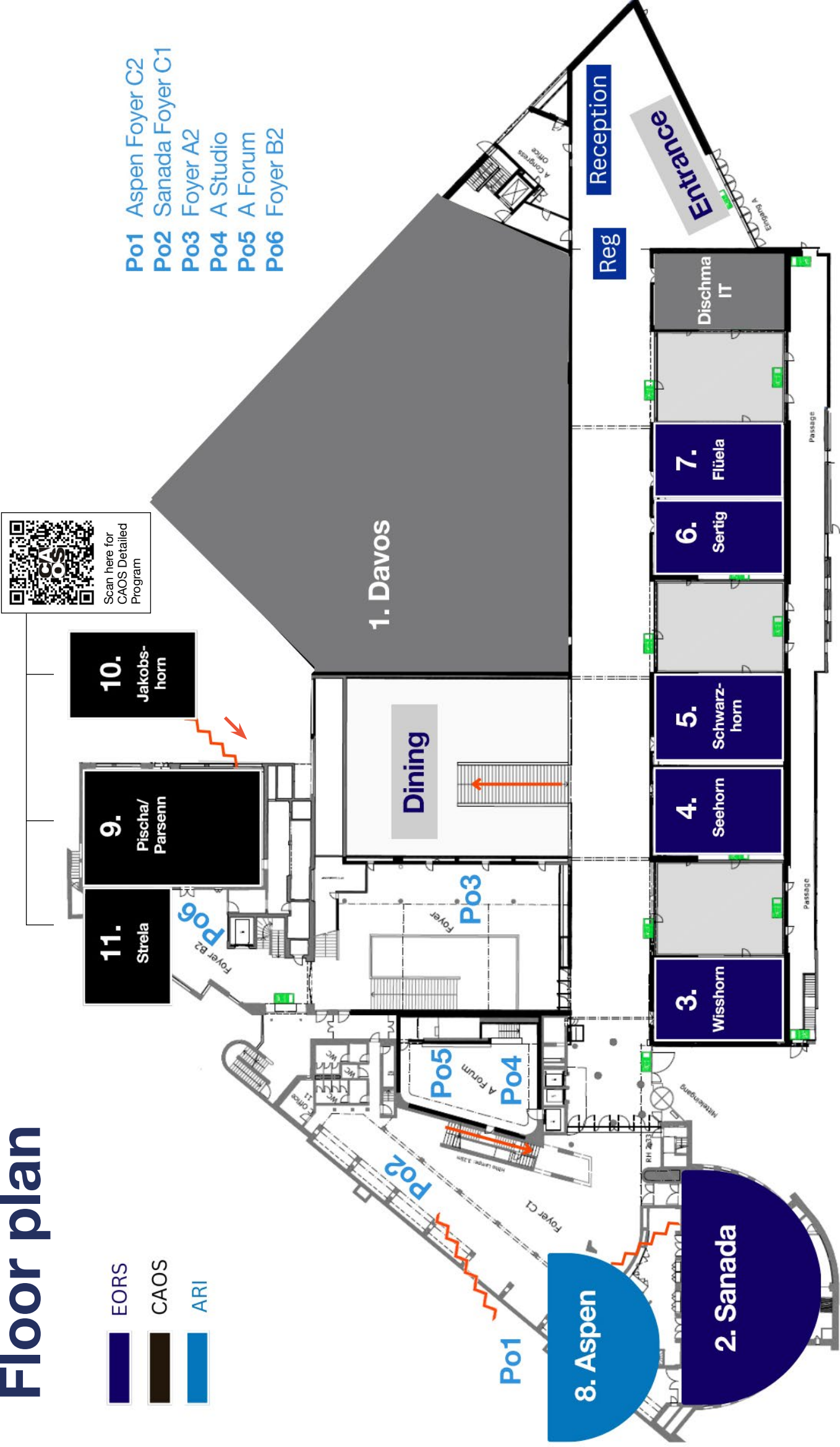


Congress Dinner in Congress Centre

Time 17 June · 19:00
Place Room 1. Davos
Talstrasse 49A
7270, Davos Platz

Join us for an evening of fine dining, engaging conversation, and an opportunity to connect with fellow experts from around across three societies.

Participation: Pre-booking only.



J&J Workshop

Date 16 June 2025
Time 12:30 - 13:10
Room Flüela Room 7
Lunch Included

Presented by:
Prof. Dr. Heiko Graichen & Daniel Girardeau-Montaut

Unicompartmental Knee Arthroplasty with the VELYS™ Robotic-Assisted Solution. Exclusive Joint Industry & Surgeon Presentation.

Session type
Presentation

Participation
Pre-bookings only

Siemens Workshop

Date 17 June 2025
Time 12:40 - 13:25
Room Flüela Room 7
Lunch Included

Presented by:
Dr. Raffael Cintean

Innovations in intraoperative imaging & robotics. Clinical experiences the robotic Mobile C-arm CIARTIC Move in the orthopedic trauma surgery.

Session type
Hands-on

Participation
Pre-bookings only

AO Access Workshop

Date 18 June 2025
Time 12:45 - 13:30
Room Flüela Room 7
Lunch Included

Presented by:
Lynette Spalding, Gerjo van Osch & Martin Stoddart

Unlock the Power of Mentorship. Learn directly from leaders in the field as they share practical, inclusive strategies for building high-performing, innovative teams.

Session type
Panel Discussion

Participation
Pre-bookings only

AO Orthopaedic Research Summit

Three societies combining minds to advance science and clinical impact.

Detailed program



Scan QR to see the detailed program

Program

Detailed program



Day 1 16 June 2025

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Day 2 17 June 2025

	Room 1. Davos	Room 2. Sanada	Room 3. Wisshorn	Room 4. Seehorn	Room 5. Schwarzhorn	Room 6. Sertig	Room 7. Flüela	Room 8. Aspen	Room 9. Pischa	Room 10. Jakobshorn	Room 11. Rinerhorn
08:00 - 08:30	Registration										
08:30 - 09:00	Plenary Rocky Tuan										
09:10 - 10:40		E0.2.S4 Stem cells	E0.3.S4 Bone	E0.4.S4 Stem cells	E0.5.S4 Cartilage	E0.6.S4 Tendon & Ligament	E0.7.S4 Infection	AR.8.S3 Patient individualised 3D-printing in Orthopaedic Surgery	CA.9.S5 Session 12 3D Surgical Planning		
		A multifaceted approach to joint homeostasis: Small molecules, cells and scaffolds	Cellular and acellular constructs in bone repair and regeneration	Translational Frontiers in Meniscus Research: Integrating Imaging, Biomechanics, Animal Models, and Computational Advances for Clinical Innovation	OARSI joint symposium - Frontiers in Osteoarthritis Research	Advanced tendon regenerative strategies (TENET COST Action)	ISFR: How does infection affect the Fracture Repair Process.				
10:45 - 11:15	Coffee Networking and Exhibition										
11:15 - 12:25		E0.2.S5 Stem cells	E0.3.S5 Biomechanics	E0.4.S5 Spine	E0.5.S5 Infection	E0.6.S5 Clinical		AR.8.S4 Transformative orthopaedic research: a spectrum of innovations	CA.9.S6 Session 13 Patient-Specific Treatment & Personalized Health		
12:30 - 12:40		Joint preservation from basic science, cell therapy, and techniques to delay collapse	Innovative surgical treatment of complex fractures: from biomechanical research to clinical practice	Spine of the Future: Advancing therapeutic discovery through innovative models	Fracture related Infection - a clinical perspective	Harmonised Approach to Early Feasibility Studies for Medical Devices in the European Union			Lunch Networking and Exhibition		
12:40 - 12:45							Siemens Worskhop				
12:45 - 13:00	Lunch Networking and Exhibition							Lunch Networking and Exhibition			
	Packed lunch - Grab & Go										
13:00 - 13:25		EORS General Assembly									
13:25 - 13:30											
13:30 - 13:45									CA.9.S7		
13:45 - 15:00									Session 14 Artificial Intelligence in Orthopaedics		
15:00 - 15:30	Run around the lake The meeting point is at "Bachi's Strandbad Davos" at 14:45. We will get ready, take a group picture at 14:55, and start the run at 15:00 and the walk at 15:05								Coffee Networking and Exhibition		
15:30 - 17:00									CA.9.S8 Education & Training		
17:00 - 17:45									CAOS General Assembly		
19:00	Room 1. Davos - Combined Congress Dinner										

Day 3 18 June 2025

	Room 1. Davos	Room 2. Sanada	Room 3. Wisshorn	Room 4. Seehorn	Room 5. Schwarzhorn	Room 6. Sertig	Room 7. Flüela	Room 8. Aspen	Room 9. Pischa	Room 10. Jakobshorn	Room 11. Rinerhorn
08:00 - 08:30	Registration										
08:30 - 09:00	Plenary Britt Wildemann										
09:10 - 10:40		E0.2.S6 Meet the Editors	E0.3.S6 Education	E0.4.S6 Pre-clinical	E0.5.S6: Bone	E0.6.S6: Osteoarthritis		AR.8.S5 The good and the bad progenitor cells: periosteum, bone, and cancer	CA.9.S9 Session 19 Intraoperative 3D Imaging		
			Developing an Education Pipeline into Orthopaedics	Bone defects: from bench to bedside	Cell-Tissue Crosstalk in Bone Regeneration	The NetwoArk - Building an open European Network on OsteoArthritis research					
10:45 - 11:15	Coffee Networking and Exhibition										
11:15 - 12:25		E0.2.S7 Bone	E0.2.S7 Cartilage	E0.4.S7 Other	E0.5.S7 Clinical	E0.6.S7 Tendon & Ligament		AR.8.S6 From orthopaedics research breakthroughs to their translation	CA.9.S10 Session 20 Applied Biomechanics for CAOS		
12:25 - 12:40		Diabetic bone - new approaches to the understanding of the role of neuropathy on bone joint integrity and repair	Regenerative mechano-biology: bending the rules of musculo-skeletal tissue engineering	Computer-Assisted Planning and Navigation for Lower Limb Osteotomy	Current challenges in in the treatment of shoulder injuries	TERMIS-EU & E-ORS: Critical Discoveries of the last 20 years			Lunch networking and Exhibition		
12:45 - 13:00	Lunch networking and Exhibition						AO Access Workshop				
13:00 - 13:30									CAOS Awards and Closing		
13:30 - 13:45											
13:45 - 15:15		E0.2.S8 Bone	E0.3.S8 Biomechanics	E0.4.S8 Spine	E0.5.S8 Osteoarthritis	E0.6.S8 Biomaterials		E0.8.S8 Biomaterials	CAOS WS Session 22A Applied Biomechanics	CAOS WS Session 22B Oncology	CAOS WS Session 22C Pre-Operative XR-Assisted Technologies
		Mechano-biology in orthopaedics and musculoskeletal regeneration – in vivo, in silico, in vitro	New Computational Methods in Orthopaedic Surgery: Simulation and 3D Printed Patient-Specific Implants	Advancing Spine Surgery: Biomechanics and Innovations in Minimally Invasive Techniques	Chinese ORS: Advances in orthopaedic techniques and enabling technologies	Injectable and printable materials for orthopaedic challenges		Biomaterials and tissue engineering			
15:15 - 15:45	Coffee networking and Exhibition										
15:45 - 17:15		E0.2.S9 Biomaterials	E0.3.S9 Education	E0.4.S9 Bone	E0.5.S9 Biomechanics	E0.6.S9 Clinical Translation	E0.7.S9 Clinical	E0.8.S9 Spine	CAOS WS Session 23A Ultrasound & AI	CAOS WS Session 23B Skills Training with DEHST	CAOS WS Session 23C Intra-Operative XR-Assisted Technologies
			Orthopedic Surgeon Well-Being	Functionalizing extracellular matrix to stimulate bone regeneration	Optimising construct stability in locking compression plate fixations	Advancing Orthopaedics to meet today's clinical demands	Conducting International Clinical Research: Key Considerations	Translational Spine Research; What have we Accomplished and Where should we Go			
17:15 - 18:00	Dinner & Social										

Day 4 19 June 2025

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