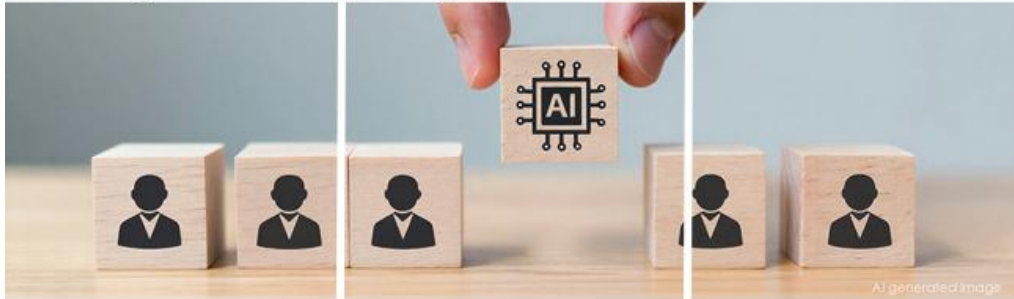


EFORT Educational Webinar

Monday 26 October 2026 | 19:00–20:00 CET



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**DIGITALISATION AND AI IN ORTHOPAEDICS & TRAUMATOLOGY SERIES:
KEY INSIGHTS & FUTURE TRENDS FROM 3 LEADING CONFERENCES**

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Digitalisation and AI in Orthopaedics & Traumatology (series): Key Insights & Future Trends from 3 leading conferences

Monday 26 October 2026 | 19:00-20:00 CET | [ADD TO CALENDAR](#)

Chairs

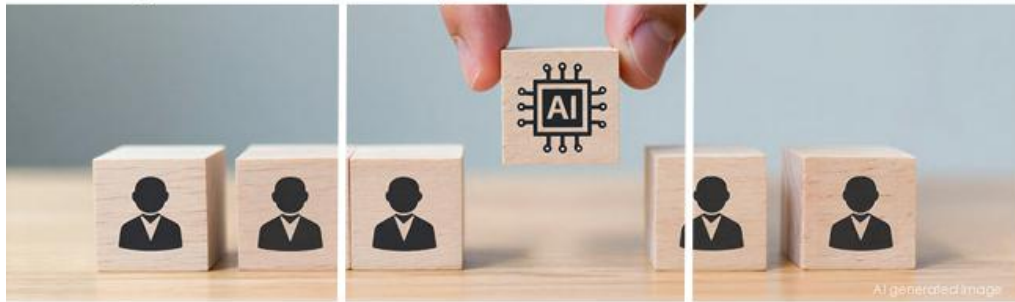
Bernd GRIMM, PhD | Luxembourg Institute of Health, Dept. Precision Health, Luxembourg

Prof. David Back, MD, MBA | Charité - Universitätsmedizin Berlin, Germany

Scientific Programme

On Monday 31 August at 19:00 CEST, this EFORT Educational Webinar, organised by the EFORT Education committee's Basic Research Group (BRG), will address the following topics:

- | | |
|-------------|---|
| 19:00-19:05 | Introduction
Bernd Grimm Luxembourg Institute of Health, Dept. Precision Health, Luxembourg
Prof. David Back, MD, MBA Charité - Universitätsmedizin Berlin, Germany |
| 19:05-19:20 | Highlights and trends from ISTA 2026, Munich: International Society for Technology in Arthroplasty.
ISTA Congress chairs, Prof. Markus Wimmer Rush, Chicago, USA; and
Prof. Thomas Grupp , MD Aesculap R&D, LM University Munich, Germany |
| 19:20-19:35 | Lessons learned about AI from EORS 2026, Madrid, the European Orthopaedic Research Society
EORS conference chairs, Prof. Eduardo Garcia-Rey , MD Madrid, Spain, and Mrs. Laura Saldaña , PhD Madrid, Spain |
| 19:35-19:50 | From California to Europe and beyond: The forefront and future of AI in O&T, from DOCSF 2026, San Francisco, USA (Digital Orthopaedics San Francisco)
DOCSF conference chairs, Prof. Stefano Bini , MD UCSF, USA) and
Prof. Fabrizio Billi UCLA, USA |
| 19:50-20:00 | Discussion and Summary All Faculty and Webinar audience |



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#EFORTWebinars

Stay up-to-date with the most current trends in the fast-evolving field of AI and applications in O&T.

As artificial intelligence and digital health continue to reshape musculoskeletal care, staying at the forefront of technological integration is vital for the modern orthopaedic surgeon and researcher. Organised by the Basic research group (BRG) of EFORT's Education Committee, this interactive webinar bridges research, engineering, and clinical implementation by synthesizing the main takeaways from three premier global conferences held in autumn 2026: [ISTA 2026](#) (Munich, Germany), [EORS 2026](#) (Madrid, Spain), and [DOCSF 2026](#) (San Francisco, USA).

Through focused presentations from international leaders, participants will explore the trajectory of digital innovation—from smart arthroplasty implants and basic research AI models to translational agentic AI tools transforming daily clinical workflows

Learning Objectives

- **Evaluate Latest Arthroplasty and AI Innovations (ISTA 2026):** Gain insights into state-of-the-art technological advancements, smart sensor integrations, and AI applications in joint replacement directly from key contributors to ISTA 2026 in Munich.
- **Understand Translational AI Research (EORS 2026):** Examine critical lessons learned and emerging research paradigms regarding AI in basic science, tissue engineering, and preclinical musculoskeletal models presented at EORS 2026 in Madrid.
- **Identify Global Trends in Clinical AI Deployment (DOCSF 2026):** Analyse cutting-edge developments from Silicon Valley and Europe, focusing on the agentic shift in orthopaedics, digital workflows, and practical AI adoption across international healthcare systems.
- **Synthesize Practical Insights for Daily Practice:** Connect high-level conference findings to everyday orthopaedic and trauma care, identifying actionable tools and future-oriented strategies to improve surgical precision and patient outcomes

Disclaimer: This Webinar is organised by EFORT independent of any commercial educational support.

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EFORT - EFORT European Federation of National Associations of Orthopaedics and Traumatology

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