



OTdigital

**5th Congress for Digitalisation in
Orthopaedics and Traumatology**

**9th and 10th April, 2027
Berlin, Germany**

PRELIMINARY PROGRAM

www.OTdigital.eu



WELCOME TO THE 5th OTDIGITAL CONGRESS

Shaping the digital future of Orthopaedics and Traumatology

Digital transformation continues to change the way we understand and practice orthopaedics and traumatology. Now in its 5th edition, OTdigital once again brings together clinicians, researchers, industry partners, and start-up entrepreneurs to share scientific evidence, discuss emerging technologies, and explore their integration into clinical practice.

Our congress serves as a platform for exchange and bringing together different interdisciplinary and international perspectives. It provides a forum to discuss current developments, and to exchange experiences from research and clinical practice.

Through keynotes, scientific focus sessions, industry presentations, and personal discussions, we aim to connect scientific progress with clinical experience and technological innovation.

Additionally, our Science Award and the Start-Up Pitch Award give researchers and entrepreneurs a stage to present their work and ideas to the OTdigital community.

We warmly invite you to join us in Berlin and contribute to shape the digital future of orthopaedics and traumatology.

Looking forward to welcoming you



David Back

Charité - Universitätsmedizin Berlin
Germany



Georg Osterhoff

BG Klinikum Unfallkrankenhaus Berlin,
Charité - Universitätsmedizin Berlin
Germany



GENERAL INFORMATION

Meeting Dates:

9th and 10th April, 2027

Location:

Campus Address:

Charité - Universitätsmedizin Berlin
Campus Charité Mitte (CCM)
Charitéplatz 1, 10117 Berlin, Germany

Specific Building Address:

Charité Crossover (CCO) Virchowweg 6

PARTICIPATION FEES

	EARLY BIRD Registration until December 31 st , 2026	REGULAR REGISTRATION Registration January 1 st , 2027 to February 28 th , 2027	LATE / ON-SITE REGISTRATION From March 1 st , 2027 and On Site	ONLINE PARTICIPATION
Physician / Senior Scientist / Industry Representative	€100	€150	€200	€50
Resident / Junior Scientist	€50	€75	€100	€25
Students / Nursing Personnel / Other Healthcare Professional	€5	€15	€25	€5

All fees include Lunch and Coffee Breaks, in the morning and in the afternoon.

Please note that the registration fees are not refundable

For any general information or request, write to info@otdigital.eu



START-UP PITCH 2027

Your digital venture revolves around orthopaedics and trauma?
Send us a short pitch-deck (max. 7 slides) at pitch@otdigital.eu
The best 6 ideas will be invited to present live in Berlin.

Submission deadline: December 31, 2026

To learn more: <https://otdigital.eu/startup-pitch/>

SCIENTIFIC AWARD 2027

We invite clinicians, researchers and MD/PhD students to submit abstracts about their research on digitalisation in orthopaedics and traumatology as free presentations. During the science award session, the best work will be chosen by an independent jury of specialists in the field, and the winner will receive the Science Award for the most innovative research in digitalisation in orthopaedics and traumatology.

Submission deadline: December 31, 2026

To learn more and apply: <https://otdigital.eu/abstract/>

REGISTRATION

For more information about the congress and the registration, please click [here](#)



Preliminary program

Friday, 9th April 2027

11:00 Registration

12:00 Welcome and introduction
David Back  & Georg Osterhoff 

12:10 Digital updates from patronage societies

12:30 Keynote: Humanoid Robots in Science Fiction and Clinical Reality

13:00 SESSION 1 - AI & Clinical Decision Support
Session Chairs: Walter Van Der Weegen  & Felix Oettl 

14:00 Break

14:30 Industry presentations
Sponsors

15:30 SESSION 2 - Smart Implants & Connected Devices
Session Chairs: Bernd Grimm  & Bergita Ganse 

16:30 Break

17:00 SESSION 3 - Digital Twins in O&T
Session Chairs: Wojciech Glinkowski  & Arnaud Clavé 

18:00 Panel Discussion: From hype to healthcare - What will change orthopaedic practice till 2030?

19:00 Summary and conclusion

Evening Get together

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Saturday, 10th April 2027

09:00 **SESSION 4 - Rehabilitation & Outcomes**
Session Chairs: Inger Mechlenburg 🇩🇰 & *Benedikt Braun* 🇩🇪

10:00 Start-up Pitch

10:30 Break

11:00 **SESSION 5 - Digital O&T - Free Presentations**
Session Chairs: Li Felländer-Tsai 🇸🇪 & *Korosh Kabir* 🇩🇪

12:00 **Keynote: Humanoid Robots in Science Fiction and Clinical Reality**

12:30 Lunch break

13:30 **Panel Discussion: Beyond Innovation - Clinical Implementation: How Do We Make Digital Health Work in Orthopaedics & Trauma?**

14:30 **SESSION 6 - Surgical Innovation & Education**
Session Chairs: Cristiano Paggetti 🇮🇹 & *Philipp Fürnstahl* 🇨🇭

15:30 **Award ceremony: Rapid science presentation award and pitch award** 🏆

15:40 **Closure, summary**
David Back 🇩🇪 & *Georg Osterhoff* 🇩🇪

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9th and 10th April, 2027



FACULTY

David Alexander Back, M.D., MBA, Prof. 

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ORGANISING TEAM



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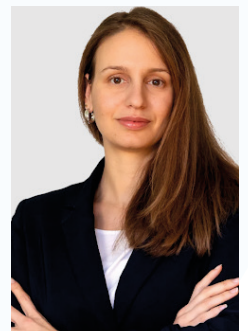


CONGRESS MANAGEMENT



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