



4th International Conference on
**INTEGRATED SYSTEMS IN
 MEDICAL TECHNOLOGIES**
 December 2-3, Erlangen, Germany

CALL FOR PAPERS 2026

CONFERENCE TOPICS

Advanced Mechatronics & Integrated Systems Translation, Production & Clinical Application

Focusing on hardware, systems engineering, and technological breakthroughs.

Topics include:

- Exoskeleton Systems
- Assistive and Service Robotics
- Micro- and Nanorobotics
- Biosensors, Smart Textiles, and Wearables
- Active and Bioactive Implants
- Surgical Assistance Systems
- Biomimetic Actuators and Artificial Muscles
- Lab-on-a-Chip
- Point-of-Care Diagnostics
- Electronic Travel Aids

Covering the path from prototype to product, manufacturing, regulation, and clinical integration.

Topics include:

- Translational Engineering
- Clinical Workflow Integration and Hospital 4.0
- Regulatory Affairs & Certification
- Medical Device Manufacturing
- Quality Management
- Human Factors Engineering
- Usability in MedTech
- Clinical Studies and Evidence-Based Medicine
- Supply Chain Resilience
- Digital Twins for Medical Manufacturing

We invite the submission of Full Papers and Extended Abstracts to be presented through oral presentations and poster sessions.

SUBMIT YOUR CONTRIBUTION UNTIL JUNE 15th

IMPORTANT DATES

Submission Deadline: June 15, 2026
 Notification of Acceptance: October 15, 2026
 Camera-Ready Submission: October 31, 2026
 Conference Dates: December 2-3, 2026

CONTACT

Conference Organization
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MORE INFORMATION:



ISMT 2026 will take place at Siemens Healthineers SHIFT Innovation Center Erlangen.

IN COOPERATION WITH:



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We invite authors to submit high-quality papers representing original results in all areas of integrated medical systems. In addition to paper presentations, the conference will feature poster sessions and an exhibition hall, providing a prime opportunity to showcase demonstrators, prototypes, and market-ready innovations. We invite the submission of:

- Full Papers (4–6 pages): Accepted papers will be published in the IEEE conference proceedings. Authors will be invited to present their work as either an oral presentation or a poster.
- Extended Abstracts (1–2 pages): Selected abstracts will be presented during a poster session.

ABOUT ISMT

Medical technologies form the backbone of modern healthcare. Innovations in diagnostics, therapy, and care are crucial to extending life expectancy and reducing suffering for billions worldwide. However, turning groundbreaking research into real-world applications requires more than just ingenuity; it demands seamless system integration, successful translation into products, and the establishment of robust clinical workflows.

The IEEE ISMT 2026 is a premier platform where researchers, clinicians, founders, and industry leaders can present cutting-edge advancements and discuss the future of MedTech. By bringing together experts from the entire medical technology field — from bench to bedside — we strive to accelerate progress in this highly innovative field.

Beyond inspiring keynotes from established scientists and industry leaders, ISMT 2026 is dedicated to fostering the next generation of innovators. We provide a dedicated forum for young professionals, early-career researchers, and founders to share their ideas with experts.

NETWORKING AND SOCIAL EVENT

Erlangen, located in the heart of the "Medical Valley," offers a unique ecosystem of academic and industrial excellence. Join us for our evening events and networking breaks to connect with peers, gain insights into the future of medical technology, and expand your professional network within this dynamic community.

SUBMISSION GUIDELINES

All papers must be written in English and submitted via EasyChair. Accepted and presented papers may be submitted for inclusion in **IEEE Xplore**, subject to meeting IEEE scope and quality requirements.

CONFERENCE FEE

Registration	Early Bird	Regular
Standard Fee	€ 780	€ 980
Reduced Fee*	€ 630	€ 780
One-Day Fee	€ 590	€ 590

*Reduced Fee for program committee members, speakers (including one paper), participating co-authors and university members. Additional fees will be charged for additional papers. All prices are subject to VAT.

CONFERENCE CHAIRMAN

Prof. Dr. rer. nat. Jens Fürst
Institute for Factory Automation and Production Systems (FAPS), Friedrich-Alexander-Universität Erlangen-Nürnberg

PUBLICATION CHAIRMAN

Prof. Dr.-Ing. habil. Philipp Beckerle
Chair of Autonomous Systems and Mechatronics (ASM), Friedrich-Alexander-Universität Erlangen Nürnberg

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