



25.-26. September
2024, Erlangen

Conference Chairman:
Prof. Dr.-Ing. J. Franke
Institute for
Factory Automation and
Production Systems

Publication Chairman:
Prof. Dr.-Ing. habil.
Philipp Beckerle
Chair of Autonomous
Systems and Mechatronics

CALL FOR PAPERS



Conference on Medical Technologies Integrated Systems in Medical Technologies

ABOUT ISMT

Germany's medical technology sector is a fundamental part of the country's economy, dedicated to exploring, discussing, and advancing the fields of medical technology, and delving into interdisciplinary solutions that revolutionize individual healthcare and improve quality of life. Through cutting-edge technologies and devices, the focus remains on enabling accurate diagnoses, optimizing therapies and supporting patient rehabilitation.

The ISMT conference is an annual event that highlights the dynamic advances in this rapidly evolving field. This conference brings together pioneers and experts from all areas of medical technology, including researchers, engineers, clinicians, and industry leaders. It's a platform designed to showcase and celebrate the latest innovations driving the medical technology sector forward and, by taking a holistic approach, expand discussions beyond technological advancements.

The conference program features keynote speeches by leading personalities in the field, as well as a wide range of paper presentations detailing the latest breakthroughs and research findings. In addition, an exhibition hall provides a prime opportunity for companies, especially start-ups, to showcase their products and innovations.

Don't miss this opportunity to network with your peers, gain insight into the future of medical technology, and expand your network within this dynamic community.

Join us as we set the course for the future of MedTech – your presence is highly valued!



Have a look at
ISMT 2023!

TOPICS

■ Actuators and Sensors

- Actuators in biomedical engineering
- Novel sensor technologies, e.g. for monitoring vital parameters

■ Integrated Systems

- Technology integration and creation of integrated systems
- Development of interfaces for the integration of various medical technologies
- Active implants

■ Wearable Devices and Robotics

- Wearable technologies
- Exoskeletons and prostheses: Support for mobility and rehabilitation
- Robotics in care, rehabilitation and therapy

■ Interaction and Communication

- Human-machine-interfaces
- Human Digital Twin
- Design of user-friendly medical devices and interfaces

SUBMIT YOUR CONTRIBUTION until April 26, 2024 May 10, 2024

Experts of industry and science are invited to present a contribution on the topics listed or other topics that correspond to the general subject of the conference.

Submissions should be made in the form of full papers and will be reviewed by a panel of experts. The full paper should have a length of **4-6 pages** including illustrations and references. Accepted papers will be published in the conference proceedings. The proceedings of the ISMT containing all final accepted scientific papers is intended to be published by IEEE. For a publication of the submission at least one author has to be registered until **July 26, 2024**.



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IMPORTANT DATES

April 26 May 10, 2024	Submission of full papers
June 28, 2024	Notification of acceptance of full papers
July 5, 2024	Early registration deadline
July 26, 2024	Submission of final full papers (camera-ready)
September 6, 2024	Registration deadline

CONFERENCE FEE**

Registration	Early (until July 5, 2024)	Regular (after July 5, 2024)
Standard Fee	790 €	980 €
Reduced Fee*	490 €	580 €
Student Fee	190 €	280 €
One Day Fee	590 €	

* Reduced fee for speakers, program committee members, university members and authors

** net, plus VAT

Visit our conference website at <https://www.faps.fau.de/ismt/> or scan the QR code for more information about the conference, registration, and submission.

We look forward to your contributions and to welcoming you to the ISMT conference.



Further information:
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