

**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

Medical technology is one of Germany's most important economic sectors, with the aim of improving patient care and increasing the patients' quality of life. This is achieved through the development of modern technologies and devices that enable precise diagnosis, optimize therapies and support patient rehabilitation.

Moreover, medical technology is a fast-growing field, with constant new developments and innovations. The ISMT conference on medical technologies is intended to be an annual event providing an opportunity to showcase and highlight these advancements.

The conference will be held on **September 14-15, 2023**, in Erlangen for the first time. This premier event will bring together leading experts in the field of medical technology, including researchers, engineers, clinicians, and industry professionals, to share their knowledge and insights on the latest advancements in medical technology.

Do not miss this opportunity to network with your peers, learn about the latest developments in the field, and gain valuable insights on the future of medical technology.

### TOPICS

#### ■ Actuators and sensors

- Actuators in biomedical engineering
- Novel sensing technologies
- Compliant sensing of vital signals

#### ■ Integrated systems

- Exoskeletons and prostheses
- Therapeutic and healthcare robotics
- Active implants
- Wearable devices

#### ■ Interaction and communication

- Human digital twin
- Usability
- Bidirectional interaction
- IoT in healthcare

### SUBMIT YOUR CONTRIBUTION until May 26, 2023

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 21, 2023**.



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to be updated



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#### IMPORTANT DATES

May 26, 2023	Submission of full papers
June 30, 2023	Notification of acceptance of full papers
July 7, 2023	Early registration deadline
July 21, 2023	Submission of final full papers (camera-ready) For a publication at least one author has to be registered.
August 31, 2023	Registration deadline

#### CONFERENCE FEE

Registration	Early (until July 7, 2023)	Regular (after July 7, 2023)
Standard Fee	780 €	980 €
Reduced Fee*	490 €	580 €
Student Fee	190 €	280 €
One Day Fee	590 €	

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

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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