



**VDE** DGBMT

# BMT 2024

18. – 20.09.2024 | Stuttgart/Germany

58TH DGBMT ANNUAL CONFERENCE  
ON BIOMEDICAL ENGINEERING

[www.vde.com/bmt](http://www.vde.com/bmt)



# Welcome message

Dear industrial partners,

It is my great pleasure to extend a warm invitation to you on behalf of the VDE DGBMT, the local organizing committee, and the scientific committee for the 58th Annual Conference of the German Society for Biomedical Engineering (DGBMT), set to take place from the 18th to the 20th of September 2024 in Stuttgart. Your presence would be highly valued at this significant gathering.

This annual conference stands as one of the foremost platforms for European scientists, physicians, engineers, researchers, students, and young professionals to exchange knowledge and experiences regarding the latest trends and findings in biomedical research.

The VDE DGBMT unites a community of dedicated professionals who leverage their expertise and insights. Therefore, it is crucial that we possess the capability to address current challenges. The upcoming conference is poised to explore various themes, including Medical Robotics, Additive Manufacturing and Bioprinting, Biomaterials and Implants, and Digital Health and Care. Additionally, a primary focus of the conference is to promote emerging talents, and we encourage active participation, inviting everyone to submit their latest research findings. To further enhance networking and interaction during the event, we are delighted to offer a range of professional and social side events such as the Young Forum, Get Together, and our Evening Event. We look forward to your active involvement in these engaging activities.

The south of Germany is responsible for 57 % of the turnover in the medical technology sector in Germany. Stuttgart is therefore a predestined location for our annual conference, and its university offers an excellent infrastructure and direct contacts to clinical and industry partners. A large exhibition from industry and research and a start-up platform will be an integral part of the conference.

Take advantage of the conference as an opportunity to engage in discussions with potential employees, showcase your innovative ideas, and exhibit products poised to shape the future for a keen professional audience. Don't miss the chance to meet international experts in person.

We invite you to join us for a unique and enriching experience.

We eagerly anticipate an outstanding meeting with you!



Prof. Dr. rer. nat. habil. Peter P. Pott  
Conference Chair

## BMT 2024 in brief

### ■ Conference Chair

Prof. Dr. rer. nat. habil. Peter P. Pott  
Director, Institute of Medical Device Technology  
University of Stuttgart

### ■ Date

18.-20. September 2024

### ■ Venue

University of Stuttgart - Auditorium Centre Campus Vaihingen  
Pfaffenwaldring 9, 70569 Stuttgart, Germany

### ■ Arrival

#### By public transport

The university campus in Stuttgart-Vaihingen is easily accessible by public transport. Coming from the city/main station: Take the subway from the station "Hauptbahnhof", "Stadtmitte" or "Feuersee" S1 (Herrenberg), S2 or S3 (both airport) and get off at "Universität".

#### From the airport

The train stop is located directly beneath the airport. Just follow the signs marked "S". Take the subway S2 (Schorndorf) or S3 (Backnang) and get off at "Universität".

#### By car

A8 (München/Karlsruhe) Direction "Stuttgart Vaihingen", exit "Universität".

### ■ Host

German Society for Biomedical Engineering in VDE (VDE DGBMT)  
VDE Association for Electrical, Electronic & Information Technologies  
Merianstraße 28, 63069 Offenbach, Germany

University of Stuttgart - Institute of Medical Device Technology  
Pfaffenwaldring 9, 70569 Stuttgart, Germany

### ■ Organisation

Kenzler conference management  
Karla-Schmidt-Str. 14, 30655 Hannover, Germany  
Phone +49 511 65 58 18 60, [office\\_bmt2024@kcmweb.de](mailto:office_bmt2024@kcmweb.de)

### ■ Language of conference

Language of conference and publications is English. Some lectures or sessions might be held in German.

## 58th Annual Conference of the German Society for Biomedical Engineering

The DGBMT Annual Meeting is one of the most important conferences of medical technology research. We expect more than 500 participants and about 400 papers on different topics of medical technology. The BMT is characterized by a broad spectrum of topics that covers almost all areas of innovative medical technology and related fields. The BMT offers an excellent forum, especially for establishing contacts with researchers and developers in biomedical engineering from universities, research institutes, companies, and clinics. In addition, the BMT promotes young professionals. Every year, around 200 students, PhD students and young researchers come to start their scientific and professional careers. Interaction on site and the networking of experts are an important aspect of the conference.

### Topics & Tracks 2024

The programme is structured into about 50 lecture and poster sessions. In addition “special sessions” for example cooperation projects can be presented or workshops or panel discussions can take place. Also, they could be organised by partners or sponsors of the conference. Furthermore, there are numerous programme sections explicitly aimed at young professionals, particularly the Young Forum BMT.

#### Topics of BMT 2024

- Additive Manufacturing and Bioprinting
- Biomaterials and Implants
- Biosignal Analysis and Data Aggregation
- Devices and Systems for Surgical Interventions
- Digital Health and Care
- Education and Training
- Hospital Engineering
- Human Factors
- Imaging Technologies and Analysis
- Magnetic Methods
- Medical Device Compliance and Regulatory
- Methods of Artificial Intelligence
- Micro- and Nanosystems
- Model-based and automated Medical Systems
- Neural Implants and Engineering
- Optical Systems and Biomedical Optics
- Rehabilitation Technology
- Robotics and Society

## Venue



Source of image: University of Stuttgart

## University of Stuttgart

The University of Stuttgart, founded in 1829, has around 22,000 students. Its vision of “Intelligent systems for a sustainable society” and its distinctive “Stuttgart Way” stand for consistent interdisciplinary networking of complimentary specialist disciplines as well as integrating engineering, science, humanities and social studies. Its pre-eminent position as a globally networked research university is reflected, among other things, by the two Clusters of Excellence “Data-integrated simulation sciences” and “Integrative Computational Design and Construction for Architecture”, the research campus ARENA2036, its participation in the “Cyber Valley” network as well as in numerous special research areas and graduate programs. Most of the engineering institutes and research facilities are located on the campus in Stuttgart-Vaihingen. The excellent infrastructure and networking of the various departments creates a unique atmosphere for interdisciplinary research. The conference venue is centrally located on the campus and offers an inspiring ambience in the midst of the university environment. The conference is hosted by the Institute of Medical Device Technology, a research institution at the interface between medicine and engineering.

## About Stuttgart

The state capital, which today bears a horse in its coat of arms, once served as a stud farm. Over the centuries, it developed into a residence for counts, dukes, and kings of Württemberg. Today, the Stuttgart region is a world-leading industrial location. With a vibrant community of over 170 nations, the city is a unique and welcoming place where different cultures shape daily life. Stuttgart has ideal conditions for studying and researching in one of the most vibrant economic regions of Europe. The region lives from its healthy sectoral mix and its combination of world-class businesses, innovative mid-sized businesses, high technology, and cutting-edge research. In Stuttgart one cannot only study and work in excellent conditions but also enjoy an outstanding quality of life: The city is nestled in a picturesque landscape, and it is surrounded by gentle hills, woods, and vineyards. Urban flair and idyllic country life, cultural offers varying from opera to hip hop, top sporting events and master chefs make their contribution to the image of the city.

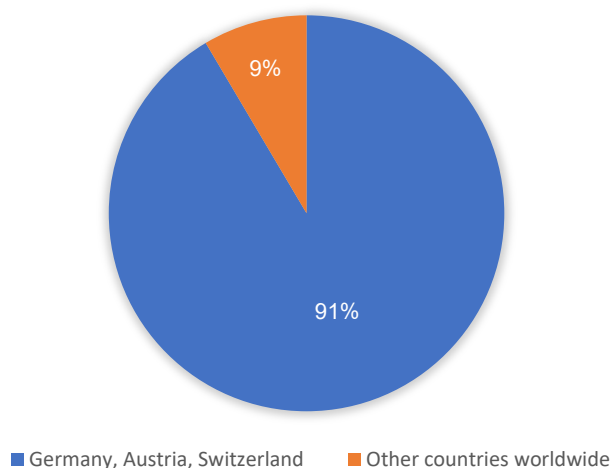
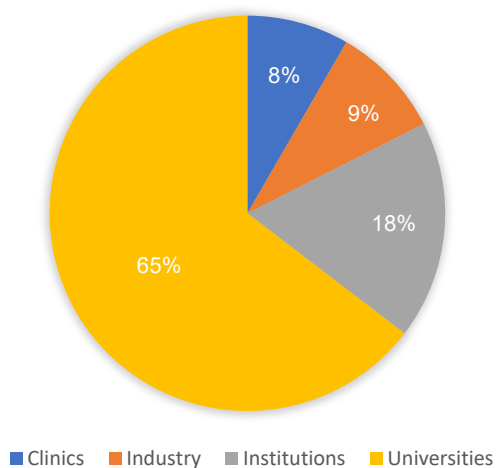
## Conference in figures

### Who will attend?

- Specialists and junior staff
- Professors and Scientists
- Engineers
- Industry partners
- Customers and multipliers

Number of participants	
2019	500
2020	700
2021	520
2022	600
2023	600

### Participants 2023



## Three good reasons to attend

- Networking
- Knowledge transfer
- Recruiting

It is worth to be a partner of the event. We will be happy to discuss your individual sponsorship to make your partnership at this year's BMT a perfect place to reach your target group and exhibit your solutions. If you have questions, need advice, or can't find the right package for your individual requirements, please don't hesitate to contact:

Kenzler conference management, Phone +49 511 65 58 18 60, [office\\_bmt2024@kcmweb.de](mailto:office_bmt2024@kcmweb.de)

## Ausstellung und Sponsoring

### Exhibition and sponsoring

Sie möchten die Jahrestagung der Deutschen Gesellschaft für Biomedizinische Technik unterstützen und Ihr Unternehmen, Ihre Produkte oder Dienstleistungen präsentieren? Folgende Möglichkeiten stehen Ihnen dafür zur Verfügung. (Alle Preise verstehen sich netto, zzgl. der gesetzlichen Mehrwertsteuer)

Would you like to support the annual conference of the German Society for Biomedical Engineering and present your company, products, or services? The following options are available to you. (All prices are net, plus statutory VAT)

	4 m <sup>2</sup>	6 m <sup>2</sup>	10 m <sup>2</sup>
<b>Ausstellung   Exhibition</b>	1.400 €	2.100 €	3.500 €
<b>Konferenzticket(s)</b> Conference ticket(s)	1	2	3
<b>Ausstellungsfläche   1 Tisch, 2 Stühle, Stromanschluss</b> Exhibition space   1 table, 2 chairs, electricity	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

	Silber	Gold	Exclusive Supporter
<b>Sponsoring Pakete   Sponsor packages</b>	3.000 €	5.000 €	7.000 €
<b>Ausstellung   Exhibition</b>	4 m <sup>2</sup>	6 m <sup>2</sup>	10 m <sup>2</sup>
<b>Konferenztickets   Conference tickets</b>	2	4	5
<b>Nennung/Logo „BMT 2024 Sponsor“ auf der Homepage der Konferenz</b> Mentioning/logo „BMT 2024 Sponsor“ on conference homepage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Nennung/Logo „BMT 2024 Sponsor“ in den Pausenpräsentationen</b> Mentioning/logo „BMT 2024 Sponsor“ during coffee and lunch breaks	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Nennung/Logo „BMT 2024 Sponsor“ auf der Sponsorenwand im Foyer</b> Mentioning/logo „BMT 2024 Sponsor“ on the sponsor wall in the foyer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Beilagen in der BMT 2024 Tagungstasche</b> Additional information material in the BMT 2024 conference bags	1	2	2

**Zusätzliche Sponsoring Optionen | Additional sponsoring options**  
wird durch den Sponsor bereitgestellt / limitiert verfügbar – first come, first serve  
provided by the sponsor / limited availability – first come, first serve

<b>Kongress E-Mailing</b>   Congress emailing	1.000 – 5.000 €
<b>Roll-ups</b>   Roll-ups	2.000 €
<b>Auslage auf dem Medientisch</b>   Display on media table	2.000 €
<b>Tagungstasche</b>   Congress bags	5.000 €

**In Kooperation mit dem VDE Young Net bieten wir auch mehrere Möglichkeiten an, sich an einem speziellen Programmteil für den fachlichen Nachwuchs zu beteiligen. Organisiert werden interaktive Programmteile, bei denen die Expert:innen der Zukunft mit etablierten Unternehmen und erfahrenen Fachleuten zusammenkommen können. Nehmen Sie gerne Kontakt mit uns auf, wenn Sie diese Aktivitäten unterstützen möchten.**

In cooperation with the VDE Young Net, we also offer several opportunities to participate in a special program section for young professionals. Interactive programme sections will be organised where the experts of the future can meet with established companies and experienced professionals. Please contact us if you would like to support these activities.

**Das passende Paket für Sie ist nicht enthalten? Lassen Sie uns gemeinsam herausfinden, wie wir Ihre individuellen Ziele und Anforderungen bestmöglich erreichen und erfüllen können. Nehmen Sie gerne Kontakt zu Silke Kenzler von kenzler conference management auf. Sie berät Sie gerne. Wenn Sie bereits das ideale Paket für sich gefunden haben, können Sie hier auch Ihre Buchung aufgeben:**

You can't find the right package for your individual requirements? Let's find out together how we can best achieve and fulfil your individual goals and requirements. Do not hesitate to contact Silke Kenzler from kenzler conference management. She will be happy to advise you. If you have already found the ideal package for you, you can also make your booking here:

## **Kontakt | Contact**

Silke Kenzler  
kenzler conference management  
Karla-Schmidt-Str. 14  
30655 Hannover  
Germany

Tel | Phone +49 511 65 58 18 60  
[office\\_bmt2024@kcmweb.de](mailto:office_bmt2024@kcmweb.de)