

### **Prof. Karsten Seidl, new chair of VDE DGBMT: “Making full use of the opportunities of biomedical engineering”**

- **Prof. Karsten Seidl is taking over as chair of the German Society for Biomedical Engineering within VDE (VDE DGBMT).**
- **Driving the strategy process – strengthening the DGBMT specialist society as a visible platform for communication between healthcare, industry and science**
- **Encouraging the next generation to take an interest in DGBMT**

(Frankfurt a.M., September 12, 2023) At the time of his election as chair of VDE DGBMT in early February 2022, it was clear that Prof. Jens Hauelsen would hold the office for one and a half years before subsequently handing the position over to Prof. Karsten Seidl. This time has now come. Since October 2018, Prof. Seidl has been head of the Business Unit Health at the Fraunhofer Institute for Microelectronic Circuits and Systems (IMS) and Professor of Micro- and Nanosystems for Medical Technology at the University of Duisburg-Essen. He has been a DGBMT representative within the VDE delegates' assembly since 2019 and a spokesman of the DGBMT expert committee on micro- and nanosystems since 2021.

According to Prof. Karsten Seidl, the issue of health has taken a backseat since the pandemic as people want to return to normality, yet medicine and medicine technology are more important than ever and a key area of innovation for Germany. “The regulatory requirements for the approval of medical products are among the obstacles that must be overcome. I see a great opportunity in directly integrating artificial intelligence into medical products and in consistent digitalization and networking throughout the entire supply chain, from hospitals to home applications”, he states.

## **Establishing a knowledge platform for biomedical engineering**

The new chair wants to continue the strategy process that was already initiated in recent years. Together with the DGBMT expert committee, Seidl intends to work on future-oriented, technical aspects of biomedical engineering and implement new and appealing formats for events and collaborations. He would also like to attract more young people to DGBMT through training and further education, stating: “Our aim is to establish a knowledge platform for biomedical engineering. Learning is currently undergoing fundamental changes through the recent development of chatbots such as ChatGPT. So we must now combine the skills in using these new tools with the established specialist knowledge of the experts of the specialist society”.

Seidl explains his ambition to take on the role of chair of DGBMT as follows: “I was a student myself when I joined DGBMT in 2002 during the BMT conference in Karlsruhe. I launched the Young Forum BMT, a format especially for young talents, in 2010. Now, I would like to significantly develop the specialist society together with my colleagues on the management board, the advisory board and the members. By working with experienced “old hands” and the next generation, I’d like to try out new media, including digital ones, such as our new podcast, the webinar series and our presence on LinkedIn”.

## **First official appearance at the BMT 2023**

Seidl will make his first official appearance as the new chair at this year’s BMT, the DGBMT’s annual biomedical engineering conference, which will take place in Duisburg from September 26 to 28. In addition to current trends in precision medicine, digital health and artificial intelligence, the BMT will also focus on established topics such as imaging, implants and robotics. This year, Prof. Karsten Seidl will share the role of congress chair with Prof. Gudrun Stockmanns from the Niederrhein University of Applied Sciences.

You can find all the information on this year’s [BMT](#) here.

## **About the German Society for Biomedical Engineering within VDE (VDE DGBMT)**

The German Society for Biomedical Engineering in the VDE (VDE DGBMT) is the scientific and technical society for medical technology in Germany. It was founded in Frankfurt am Main in 1961.

The DGBMT in the VDE brings together experts from all areas of technology applications in medicine and deals with the entire range of topics in biomedical technology. It organizes conferences and workshops for expert audiences and is the sponsor of two international scientific journals: Biomedical Engineering and Current Directions in Biomedical Engineering published by Walter de Gruyter. Position papers, statements and expert contributions discuss

current topics independently and neutrally. In addition, the DGBMT awards promotional prizes for young scientists, for scientific excellence and innovation, and for patient safety in biomedical engineering. Last but not least, it represents German biomedical engineering in international bodies.

For more information, visit [www.vde.com/dgbmt](http://www.vde.com/dgbmt)

### **About VDE**

VDE, one of the largest technology organizations in Europe, has been regarded as a synonym for innovation and technological progress for more than 130 years. VDE is the only organization in the world that combines science, standardization, testing, certification, and application consulting under one umbrella. The VDE mark has been synonymous with the highest safety standards and consumer protection for more than 100 years.

Our passion is the advancement of technology, the next generation of engineers and technologists, and lifelong learning and career development “on the job”. Within the VDE network more than 2,000 employees at over 60 locations worldwide, more than 100,000 honorary experts, and around 1,500 companies are dedicated to ensuring a future worth living: networked, digital, electrical. Shaping the e-dialistic future.

The VDE (VDE Association for Electrical, Electronic & Information Technologies) is headquartered in Frankfurt am Main. For more information, visit [www.vde.com](http://www.vde.com)

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