

Garching, 4. Juli 2025

Dear colleagues,

I would like to take this opportunity to introduce myself as a candidate for this year's Senate election.

I have been working as a research associate at the TUM Campus Garching for thirteen years and currently head the Magnetic Fields research group. In 2015, I took over the management of what is now the *Munich Institute of Biomedical Engineering* (MIBE). Here, I am committed to fostering an open, interdisciplinary research environment in which employees at all career levels enjoy good working conditions.



I am also involved in teaching, particularly in the bachelor's program in Electrical Engineering and Information Technology, where I lecture on *signal theory*. I am also a member of the examination board for the *Biomedical Engineering and Medical Physics* program and lecture on *biostatistics*.

Since last year, I have been supervising the construction of the laboratory building for the *TUM Center for Organoid Systems and Tissue Engineering* as a user representative. Here, I place particular emphasis on structure, communication, and decisiveness. This is essential, especially in an environment that is often characterized by lengthy coordination processes.

I am running for the Senate because I want to actively and constructively contribute the perspective of our status group, especially in view of the high performance requirements and great personal commitment. I am convinced that TUM thrives on the innovative strength and commitment of its scientific staff, and it is precisely this perspective that should be visibly and effectively represented in the Senate.

I regularly move between science, teaching, and administration and have had the opportunity to get to know a wide variety of perspectives and challenges within the university. I see myself as a mediator between these worlds, with a clear view of what is feasible. For me, a pragmatic, solution-oriented approach is paramount – instead of formal rhetoric and adherence to principles, what is needed is clarity, reliability, and a willingness to take responsibility.

**Briefly about my career:** I studied electrical engineering and information technology and earned my doctorate in the field of nanoparticles for drug delivery. I gained several years of experience in industry before returning to my alma mater in 2012. Here, I continue to conduct active research into the application of magnetic fields in medical technology, for example in the field of magnetic resonance imaging. I also completed my habilitation in this field in 2021 in what was then the Faculty of Electrical Engineering.

In my private life, I find balance in cycling and with my family: I am married and have two daughters, Mathilda (12) and Martha (7).

Thank you very much for supporting my candidacy for the Senate.



Bernhard Gleich