

Meet Siemens Healthineers

Siemens Healthineers: Our brand name embodies the pioneering spirit and engineering expertise that is unique in the healthcare industry. The people working for Siemens Healthineers are totally committed to the company they work for, and are passionate about their technology. In this section we introduce you to colleagues from all over the world – people who put their hearts into what they do.

Gregor Körzdörfer, Ph.D.

Born and raised in Erlangen, Germany, Gregor Körzdörfer pursued studies in physics at Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU). His master's thesis, which focused on developing tools for sequence development and optimization, marked the beginning of his deep involvement in MRI. Gregor continued his education with a Ph.D. at FAU, working on MR fingerprinting in close collaboration with Siemens Healthineers. He then became an Application Developer in the predevelopment team, before transitioning to the role of Scientific Collaboration Manager for MRI in New York, USA. Upon returning, he reconnected with his roots in MRI and became head of the musculoskeletal predevelopment team.



How did you first come into contact with MRI?

I feel fortunate to have never needed an MRI myself so far. However, growing up in Germany and following sports such as soccer, I often heard about players needing MRIs to assess their injuries. Additionally, seeing teammates and friends get injured brought MRI further into my awareness. My first direct encounter with MRI was when I accompanied my little sister to her MRI exam while I was studying physics. At that time, I couldn't explain the process to her accurately, but the experience piqued my interest. Later, when I started working as a student in the MR predevelopment department at Siemens Healthineers, I became completely hooked on the technology and its potential. The field of MRI research offers a lot of freedom to try new things and think creatively, all while making a significant impact.

What do you find motivating about your job?

My job is motivating because it has a clear purpose. Everything we do, in collaboration with our technical and clinical partners, advances medicine. The opportunity to make a tangible difference in healthcare drives me every day. I am passionate about developing new technologies and methods that improve diagnostic accuracy and enable more efficient patient care. Working with a team of talented and passionate colleagues from diverse backgrounds around the globe constantly inspires me to push the boundaries of what is possible in medical imaging. Knowing that our work can lead to faster, better diagnoses and treatments for patients, while also making radiology more efficient, is incredibly fulfilling.

What are the biggest challenges in your job?

One of the biggest challenges in my job is ensuring that we develop reliable solutions that truly benefit clinicians.

Aligning the goals of technical advancements with the practical needs of clinicians can be challenging, but it is a crucial aspect of my work. Developing new MRI techniques requires carefully weighing many factors, and the development process involves rigorous testing and validation to ensure that they are useful and effective for radiology departments and practices.

What are the most important developments in healthcare?

In my opinion, one of the most important developments in healthcare is the integration of artificial intelligence with medical imaging. AI has the potential to revolutionize the way diseases are diagnosed and treated by providing faster, more accurate, and more personalized insights. In MRI, AI can enhance image reconstruction, automate complex workflows, and improve diagnostic accuracy. These advancements lead to more efficient and effective patient care and ultimately improve patient outcomes.

What would you do if you could spend a month doing whatever you wanted?

If I could spend a month doing whatever I wanted, I would combine work and leisure by traveling the world. Although a month is a short time, I would hope to visit many interesting places and plan time to stop at hospitals and university research departments. I would love to learn about exciting developments in both technical and clinical areas and gain a deeper understanding of the patient journey and the need for improvements. Traveling to different places and learning about different cultures and perspectives is something I truly enjoy, and it would be fantastic to combine that with a focus on MRI. So far, I have had the pleasure of learning from inspiring people all over the world.