Ulm University is a young research university with a focus on natural sciences, medicine and technology. Located in an economically strong region the University with its more than 10,000 students offers a dynamic work environment with attractive networking and development prospects.

The Medical Faculty of Ulm University is seeking to fill the position, starting as soon as possible, of a

Professor (W3) for Quantum Technologies in Medicine
management responsibilities

The University is seeking to increase the proportion of women in research and teaching and particularly encourage qualified female scientists to apply for this position. Severely disabled applicants with equal aptitude will be given preferential consideration.

The Faculty of Natural Sciences and the Medical Faculty intend to jointly fill a bridging professorship for Quantum Technologies in Medicine. The professorship will be established in a newly founded institute for Quantum Technologies in Medicine at Ulm University Medical Center.

The new professorship will address topics related to the implementation of new quantum technology methods for future applications in the field of Biomedicine. In particular, the focus will be on methods that enable a fundamental improvement in the understanding of physiological, metabolic and molecular principles non-invasively. These will enable new approaches in diagnostics and therapy in the context of personalized medicine. A particular research focus will be on the translation of quantum-enhanced imaging and sensing methods across multiple scales into clinical practice and research. The professorship will serve as an important link between existing medical research and established quantum sciences.

The successful candidate has a nationally and internationally recognized scientific profile in the application of quantum technologies to life sciences. Collaborations with the main research areas on campus and experience in establishing research networks are expected.

The bridging professorship will be responsible for teaching at the intersection of Quantum Technologies and Medicine.

Employment requirements are completed university studies as well as teaching aptitude, a doctoral degree and further pertinent scientific achievements (§ 47 LHG).

Seize the opportunity and join us in shaping the future of the University!

Reference no.: 24108
Application deadline: 30.09.2024

Your contact for further information: Prof. Dr. Markus Huber-Lang, phone +49 731 50-54800

We look forward to your application via our online application portal