

Vacancy Notice 50/2026

Otto von Guericke University Magdeburg (OVGU) is an internationally oriented and regionally networked university with a strong research profile.



The Faculty of Natural Sciences has the following vacancy at the Institute of Physics:

Postdoc (m/w/d) for high-field MR methods

Salary scale:	Date commencing:	Fixed term:	Contract status:
13 TV-L	as soon as possible	3 years (opt. extension)	100 %

Neuroscience is a research focus at Otto von Guericke University Magdeburg. The Department of Biomedical Magnetic Resonance (BMMR) works in close cooperation with university and non-university partners on the development of methods for high-resolution MR-imaging in humans.

Two ultra-high-field magnetic resonance systems of the latest generation are available for our research: the 7 Tesla MAGNETOM Terra.X Impulse Edition (the second worldwide with this technology) and a 7T system upgraded to 7T Plus (formerly the first 7T MRI in Europe).

Dedicated to innovative method development, we are looking for proactive and research-enthusiastic employees who aspire to a scientific career. We offer the opportunity for thematic independence within the research spectrum of the department and actively support scientific development. The working group welcomes and encourages habilitation pursuits, publication responsibility (including potential last authorship), and the initiative to secure third-party funding.

Your thematic ideas are welcome and should be outlined in the cover letter (max. 2 pages). The position is initially limited to 3 years, with the option to extend for further 3 years.

Your tasks:

- Method development and optimization for 7T Terra.X Impulse Edition and/or 7T Plus
- Presentation and publication of scientific results
- Providing methods in cooperation with clinical and neuroscientific partners
- Contribution to academic teaching

Your profile:

- Research experience in the field of magnetic resonance imaging, ideally ultra-high field MRI
- University degree and doctorate in physics, medical technology or a related discipline
- Enjoy working in an interdisciplinary team of researchers and physicians
- Very independent, structured and results-oriented working style
- Very good written and spoken English, knowledge of German is a plus.

If you have any questions regarding the open position, please contact: Prof. Dr. Oliver Speck



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(oliver.speck@ovgu.de) or Jun. Prof. Dr.-Ing. Hendrik Mattern (hendrik.mattern@ovgu.de).

In addition to common social benefits of the public sector, we have more to offer, such as the possibility of flexible working hours. Modern working conditions, a wide range of training and development opportunities, and a positive work environment that is highly valued by our employees distinguish us as an employer.

Otto von Guericke University is a signatory of the German Diversity Charter. We welcome your application, regardless of gender, cultural and social background, age or sexual orientation. Applications from severely disabled people or people with an equivalent impairment will be given priority in the case of equal suitability, ability and professional expertise. Otto von Guericke University strongly promotes gender equality in all professional areas.

Please note the information for storage of personal data: https://www.ovgu.de/en/data_protection.html.

Please send your complete application (cover letter, CV, certificates) via the online application portal by April 15, 2026 (date of receipt) via the online application platform: <https://ovgu.b-ite.careers/jobposting/e55d51befd0db60163a42bb6055d87310e093d8f0>