OTTO VON GUERICKE UNIVERSITÄT MAGDEBURG

Vacancy Notice

At the Institute of Mathematical Stochastics within the Faculty of Mathematics at Otto von Guericke University Magdeburg, a

W3 Professorship in Statistics and Mathematical Foundations of Data Science

is to be filled as of **April 1, 2027**.

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

The Faculty of Mathematics at Otto von Guericke University Magdeburg (OVGU) has a strong research profile and offers a broad and high-quality teaching portfolio across six degree programmes. It hosts numerous doctoral researchers from Germany and abroad. In addition, it is involved in interdisciplinary projects and makes a substantial contribution to the teaching of fundamental mathematical subjects for other faculties. The advertised professorship is located at the Institute of Mathematical Stochastics, one of the four institutes within the Faculty. As part of the institute's strategic development, a W2 Professorship in Applied Statistics and Data Science is being advertised concurrently.

We are seeking an individual (d/f/m) with an outstanding academic record in mathematical statistics and its connections to data science, who develops modern statistical methods and analyses them on a rigorous mathematical basis. Possible areas of focus include, for example, statistics for high-dimensional and complex data, theory of machine learning, causal inference, explainable AI, or uncertainty quantification.

The professorship is expected to strengthen the Faculty's profile and contribute to the strategic development of activities in data science. The successful candidate should be capable of establishing internationally visible research, with interdisciplinary collaborations being particularly welcome, for example with engineering, natural sciences, economics or social sciences, or computer science. Experience in acquiring and playing a leading role in externally funded research projects is also desirable.

The responsibilities of the professorship include teaching in the degree programmes of the Faculty of Mathematics and further development of the Faculty's Statistics programmes as well as service teaching for other faculties. Teaching should enable students to develop a theoretically grounded and critical approach to statistical methods and AI-based data analysis. Relevant experience in independent teaching and the ability to teach in both German and English are expected.

Applicants must demonstrate excellent academic qualifications, evidenced by a doctoral degree in mathematics, statistics, or a related field, as well as publications that clearly establish their scientific profile and expertise in the above-mentioned areas. Further academic achievements in accordance with § 35(3) HSG-LSA or a habilitation are required for appointment.

We support newly appointed professors through dedicated development programmes and also assist with finding childcare options as well as offering support for dual-career couples. Otto von Guericke University Magdeburg is committed to the principles of the Charter of Diversity. We welcome applications regardless of gender, cultural or social background, age, or sexual orientation. Applications from individuals with severe disabilities and those with equivalent status will be given preferential consideration in cases of equal suitability, qualifications, and professional competence. Otto von Guericke University Magdeburg is committed to gender equality and aims to increase the proportion of women in research and teaching. Qualified female scientists are therefore explicitly encouraged to apply. The selection committee applies a fair assessment of academic age after the doctorate (e.g. taking into account part-time employment and periods outside academia) and evaluates academic achievements in relation to this.

Further information on the professorship can be obtained from the Chair of the Appointment Committee, Prof. Dr. Alexander Pott (alexander.pott@ovgu.de).

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

Applications should include a curriculum vitae, relevant degree certificates, a list of publications, a teaching and research statement, documentation of teaching experience and evaluations, a record of presentations and third-party funding activities, and optionally the completed form on career interruptions and special circumstances. Applications should be submitted by **13th of September 2026** (date of receipt) to w3-statistik@ovgu.de

www.ovgu.de

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Mitglied im ERFOLGSFAKTOR FAMILIE

FAMILIE IN DER HOCHSCHULE