

## Vacancy Notice 261/2019

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



The Faculty Mechanical Engineering seeks to fill the following vacancy at the Chair of Production Systems and Automation:

### Research Associate (PostDoc) (m/f/d)

Salary Scale:	Date commencing:	Fixed term:	Contract status:
13 TV-L	next possible date	3 years	100 %

- You have a master's or diploma degree in (Industrial) Engineering or Management and are highly interested in the areas of sustainability, innovation, production and digitalization in developing countries and emerging economies?
- You wish to work in the field of production, industry 4.0 and digitalization with a strong focus on industrial practice?
- You want to further pursue your academic career?

The Chair of Production Systems and Automation strives to develop solutions for the efficient management of complex production and logistics systems. Inspired by intense dialogue with practitioners, we combine fundamental and applied research. We support companies mastering the transition into the fourth industrial revolution. In particular, cooperation with research and practitioners from complementary fields such as biology, physics, mathematics, psychology and insurance, for us is key for innovative research and teaching!

Starting from October 2019, the reestablished **Chair of Production Systems and Automation** seeks to fill the position of a research associate (m/f/d) as part of our team to support research, teaching and collaboration with industry. You will receive supervision and support in developing the necessary skills to produce high-quality research. The successful candidate will have the possibility to conduct his or her habilitation project and to publish in high-ranking international research journals.

#### Main responsibilities:

- Research new approaches and methods for the development of sustainable production systems and value chains as well as frugal innovation in and with actors in developing countries
- Participate in academic consulting and industry projects
- Contribute to the bachelor's and master's programs in the field of production systems and automation (4 academic hours per week)

#### Requirements for the position:

- Master's/diploma degree in (industrial) engineering, management or a related major and a PhD degree (or the PhD project is close to completion)
- First practical experience in the fields of production and innovation (is an advantage, but can be gained during the first months)
- High level of analytical and problem-solving skills, initiative, judgment and decision-making ability as well as effective written and oral communication skills (B1 level in German; C2 level in English)
- Ability to manage multiple priorities in a fast-paced, deadline-driven environment and strong organizational skills to coordinate activities across various units
- High interest in the areas of developing countries, emerging economies, bottom-of-the-pyramid, frugal innovation and production
- Great affinity for academic research and writing (for instance by first-author, international publications) and the willingness to intensively dive into the research field
- Basic programming skills (e.g. Python, R, Matlab, etc.) as well as first experience in the field of data analytics (will be helpful)



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#### We offer:

- A young team with innovative research topics, enthusiasm and a strong focus on industrial practice
- The opportunity to develop and implement own research ideas, to prepare for the habilitation project and to publish in internationally high-ranking journals

For further information about the position, please contact Prof. Dr. Julia Bendul via the secretary`s office of the Chair of Production Systems and Automation: [verwaltung.iaf@ovgu.de](mailto:verwaltung.iaf@ovgu.de)

Applications from disabled persons will be given priority in the case of equal suitability, ability and professional expertise. The Otto von Guericke University aims to increase the proportion of women researchers within the university and specifically encourages women to apply.

Please note the information for storage of personal data: [https://www.uni-magdeburg.de/Datenschutz\\_Bewerber.html](https://www.uni-magdeburg.de/Datenschutz_Bewerber.html).

Please send your complete application (cover letter, curriculum vitae, references) quoting reference number 261/2019 by **September 23, 2019** (date of receipt of application) to the address below: