



Hochschule Braunschweig/Wolfenbüttel

With its twelve faculties, about 11.000 students and about 1.000 staff Ostfalia is one of the largest Universities of Applied Sciences in Lower Saxony, Germany. More than 90 degree programmes offer excellent interdisciplinary education and individual support for our students at the university's locations Salzgitter, Suderburg, Wolfsburg and Wolfenbüttel. Our staff find versatile and manifold tasks and opportunities. We offer staff a wide range of benefits, and a stimulating and family-friendly working environment.

For our **Faculty of Electrical Engineering** at the **Wolfenbüttel Campus**, we are looking for the following to start as soon as possible a

**Research Assistant (m/f/d) in the IoT/IIoT Research Group
for a research project on private 5G industrial networks**

limited until 30.04.2025.

Field of Activity/Tasks

- Cooperation in the international research project MERCI (Media and Event Production via Resilient Communication on IoT Infrastructure)
- Investigation and evaluation of the radio standard DECT 2020 NR
- Investigation and evaluation of different spectrum management concepts for private and industrial 5G networks from a technical and regulatory perspective

Profile

- University degree in electrical engineering, computer science, mathematics or physics with a Master's degree completed
- extensive knowledge of theory and practice of communication technology
- good communication skills in English, both verbally and in writing
- high motivation and interest in communication technology
- desirable
 - Knowledge of wireless technologies such as Wi-Fi, BT, or cellular standards (e.g. LTE)

- Knowledge of spectrum management concepts, spectrum sharing approaches
- Experience with SW development in Python or C/C++
- good communication skills in German, both verbally and in writing

If you hold a foreign university degree, it is required to submit a statement of comparability for foreign higher education qualifications in long form by the Central Office for Foreign Education: <https://www.kmk.org/zeugnisbewertung>

You will find a stimulating and collaborative research environment and the opportunity to cooperate with excellent research groups in a publicly funded consortium. The position includes the possibility of doctoral studies.

For further information please contact Prof. Dr.-Ing. M^a Dolores Pérez Guirao, m.perez@ostfalia.de

The following general notes apply:

Your overall working hours are 29.85 hours per week (75%). This position is suitable for part-time work.

Remuneration is based on the German public pay grade TV-L 13.



Based on the gender equality act of Lower Saxony (NGG“), Ostfalia is working towards achieving a balanced gender ratio in all pay grades. Since men are underrepresented in the according pay grade at Ostfalia, we are warmly encouraging applications for this position from male candidates.

In case of equal qualification we give preference to severely disabled persons and persons with equal status. To make this possible please give some indication regarding the disability or equal status in your application or the curriculum vitae.

Please send your application documents including a letter of motivation, curriculum vitae, certificates and references until March 31, 2023 quoting the reference number „Tom 015 23“, to Ostfalia University of Applied Sciences – Hochschule Braunschweig/Wolfenbüttel, Dezernat 2, Salzdahlumer Str. 46/48, 38302 Wolfenbüttel, Germany or via E-mail to bewerbungen@ostfalia.de.