

OFFIS is a 1991-founded, internationally active Research and Development Institute for information technology based in Oldenburg, Lower-Saxony. In an average of 70 ongoing projects OFFIS, with its 300 employees, carries out research and prototypical development work on the highest international level in the areas of energy, health, manufacturing and transportation. OFFIS cooperates with more than 700 business and scientific partners worldwide.



R&D-Division: Energy
Group: Smart Grid Testing

Contract: 2 years with the prospect of extension, full-time
Start: as soon as possible

Research Assistant (f/m/d) Power System Automation

Focus of the Research Group:

Digitalized energy system enhances the integration of distributed energy resources (DERs) and emerging new consumer roles. Advanced automation and control solutions introduce the complexity of IT/OT convergence, which necessitates testing and validation of new technologies deployment. Smart Grid Testing group aims to develop new holistic approaches and investigate the interdependencies between power and ICT to ensure resilient, reliable and secure intelligent energy systems.

Your Tasks:

- > Running real-time simulation and performing analyses of various actors interaction in the power and ICT systems
- > Testing as part of a laboratory e.g. CHiL, PHiL, substation standard will be part of your work
- > Coordination of external and internal project partners will belong also to your tasks
- > You will publish the project results in the team and in cooperation with partners

Your Profile:

- > Master's degree (or equivalent) in electrical engineering or computer science
- > Knowledge of SCADA and substation automation, experience with IEC 61850 is a plus
- > Strong knowledge of MATLAB Simulink
- > Good knowledge of power system analysis using PowerFactory and/or PandaPower
- > Knowledge of programming skills, preferably Python and/or C/C++
- > Excellent verbal and written communication skills in English and German

We offer You:

- > You can look forward to a working environment that is very pleasant in human terms and extremely interesting in technical terms.
- > We actively support you in your professional and scientific qualification, in particular there is the possibility of a job-related doctorate.
- > Work-life balance is important to us - we support this with flexible working hours, home office and part-time arrangements.
- > Tolerance, openness and equal opportunities towards people of all genders (f/m/d) are important to us.
- > We would like to continue to grow our proportion of women, which has been increasing for years.
- > We give preference to applications from severely disabled people who are professionally suitable.
- > Your position will be remunerated according to the German TV-L E13

Contact: Please send your application to : bewerbung@offis.de

If you agree to our considering your application for other vacancies, then please inform us accordingly by including an informal consent in your covering email or attaching our [consent form \(PDF-Download\)](#) to your application.

Contact Person:

Dr. Jürgen Meister
bewerbung@offis.de

Postal Address:

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Further information on the application procedure and data protection can be found at <http://bit.ly/OFFIS-Application-Data-Protection>.