Job advertisement

Academic employee (PhD position)
in the field of "Electromagnetic Compatibility (EMC) of medium-voltage switchgear"

A team of 35 people work at the Institute of Power Transmission and High Voltage Technology (IEH). The range of scientific research includes high-voltage technology, power transmission and also focuses on electromagnetic compatibility (EMC). For more information about our institute, please visit our website at https://www.ieh.uni-stuttgart.de

Your role and tasks:
- Research on the electromagnetic compatibility of medium voltage switching devices and switchgears
- Development of broadband, high voltage measuring systems for the investigation of travelling waves in gas-insulated switchgear
- Development of new methods for testing electromagnetic compatibility in protection and control systems
- Processing and working on research projects in cooperation with industrial partner
- Participation in seminars at the institute
- Supervision of students preparing their final theses

Required qualifications:
- You are an electrical engineer with a master’s degree or diploma
- You have fundamental knowledge and work experience in the field of electromagnetic compatibility (EMC) or high-voltage engineering
- You have strong organizational and communication skills and you are able to work in a team

The position is initially limited to one year and will be extended for another 3 years. The position can be filled immediately in full time. The salary level is at E 13 TV-L (German public service salary scale). You will work at the high-voltage laboratory in 73760 Ostfildern. The preparation of a PhD thesis is expressly desired.

For further information please contact Prof. Dr.-Ing. Stefan Tenbohlen, Tel. +49-711 685-67870.
Please send your application via email at bewerbung@ieh.uni-stuttgart.de.

The University of Stuttgart aims to increase the proportion of women in science and therefore encourages applications from women. We particularly welcome applications from disabled persons and give them priority in the event of equal suitability. The recruitment is carried out by the central administration of the University of Stuttgart.