Professor (W3) for Electrochemical Energy Conversion and Storage Systems Technology

Job description: Candidates are to represent the area of electrochemical energy conversion and storage systems technology in research and academic education. They should have vast expertise in several of the following areas:

- Development of systems and technologies for electrochemical energy conversion (fuel and electrolysis cells) and storage (lithium-ion and post-lithium batteries),
- analysis and modeling of chemico-physical processes in single cells of electrochemical energy converters and storage systems,
- diagnostics and modeling of electrochemical energy conversion and storage systems,
- applications of energy converters and storage systems in the areas of power grids and mobility.

Qualification: Candidates should have outstanding scientific qualification, experience in leading working groups as well as excellent didactic skills. Several years of successful work in industry or close-to-industry research and experience in the acquisition of third-party funds are desired.

In the area of academic education, candidates are expected to actively participate in German and English study programs offered by the KIT Department of Electrical Engineering and Information Technology as well as in related programs offered by other departments of KIT. Apart from courses on electrochemical energy conversion and storage systems technology, this also includes basic lectures in bachelor’s programs.

The conditions of employment are according to § 47 LHG

Institute: Division III - Mechanical and Electrical Engineering, the KIT Department of Electrical Engineering and Information Technology, Institute IAM-WET (Materials for Electrical and Electronic Engineering) of the Institute for Applied Materials (IAM)

Contract duration: permanent

Starting date: next possible date

Application up to: 15.10.2018
Application:

Kindly send your application, including the usual documents (CV, list of publications, graduation and other certificates, documentation of previous and planned research and teaching activities) in written and electronic form to the Dekan der KIT-Fakultät für Elektrotechnik und Informationstechnik (Dean of the KIT Department of Electrical Engineering and Information Technology), Karlsruher Institut für Technologie (KIT), Kaiserstr. 12, 76131 Karlsruhe, Germany, email: dekanat@eti.kit.edu.

KIT is an equal opportunity employer. Women are especially encouraged to apply. Applicants with disabilities will be preferentially considered if equally qualified.

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Personalservice