

Karlsruhe Institute of Technology (KIT) – The Research University in the Helmholtz Association creates and imparts knowledge for the society and the environment. It is our goal to make significant contributions to mastering the global challenges of mankind in the fields of energy, mobility, and information. For this, about 9400 employees of KIT cooperate in a broad range of disciplines in research, academic education, and innovation.

In Division V – Physics and Mathematics – the KIT Department of Physics at KIT invites applications for a

Tenure Track Professorship for Electron Microscopy

at the Laboratory for Electron Microscopy. This Junior Professorship (W1) with Tenure Track is funded by the "Bund-Länder-Program for the Promotion of Young Scientists".

We are seeking for an outstanding scientist with internationally recognized research contributions in the field of electron microscopy, who will represent electron microscopy in research and teaching. The field of research comprises application of electron microscopy and electron spectroscopy in materials science and application-oriented development of electron microscopic techniques. Possible specializations could be electron spectroscopy, quantification of (S)TEM images and diffraction data, phase-contrast techniques, in-situ or environmental electron microscopy. You combine a cooperative and interdisciplinary work approach with strong communication skills. An interest in solving biological questions with electron microscopy is desirable.

The professorship is embedded in the KIT Department of Physics. However, scientists with other scientific background are also invited to apply. The W1 position comes with appropriate teaching and administrative obligations. You are expected to independently acquire third party funding and teach in German after a reasonable time. Participation in an applied Cluster of Excellence is possible.

According to § 51 of the Universities Act (Landeshochschulgesetz) of the state of Baden-Württemberg hiring requirements include a university degree, teaching competence, and outstanding scientific competence. Employment will initially be for a period of four years and will be extended to a total of six years subject to a positive midterm evaluation. In case of a positive tenure evaluation, you will be appointed to a permanent full professorship (W3) and head of the Laboratory for Electron Microscopy. The evaluation criteria are according to the "Qualitätssicherungskonzept für Juniorprofessuren mit Tenure-Track am Karlsruher Institut für Technologie". Your willingness to cooperate with scientists from different natural and engineering disciplines is of particular importance. KIT offers career development procedures and mentoring.

KIT is an equal opportunity employer. Women are especially encouraged to apply. Applicants with disabilities will be preferentially considered if equally qualified. KIT is a certified family-friendly university and offers part-time employment, leave of absence due to family reasons, dual-career service and coaching to support balance between family and career.

Applications with the usual resume (including curriculum vitae, summary of teaching experience and third party funding, research plan and three most important publications) should be sent by **January 26, 2017** to: **Dekan der KIT-Fakultät für Physik, Karlsruher Institut für Technologie (KIT), 76128 Karlsruhe, Germany, preferably via email to dekanat@physik.kit.edu**. For informal inquiries please contact Prof. Dr. Dagmar Gerthsen, Tel.: +49 721 608-43200, E-Mail gerthsen@kit.edu.