W3-Professorship in Information-Based Materials Design and Nanoscience

Job description: Applicants should be exceptionally qualified in the field of materials and nanoscience and be world leaders in the area of information-based materials development.

The professorship covers the entire breadth of the field, from basic materials science to technical applications. The research will be embedded in the program “Materials Systems Engineering” within the future Helmholtz research field “Information” and will shape its development. The new colleague will use information-based and predictive approaches based on physical, chemical, and mechanical production methods to address the diversity of nanostructured materials. These will be developed, characterized, and analyzed across the full range of possible nanostructures. The call is open for candidates using experimental or theoretical scientific approaches.

Qualification: Employment terms are outlined in the KIT Gesetz, § 15 section 2. The teaching duties of the professorship correspondingly include a teaching load of 2 semester hours per week. Appropriate participation in course teaching and special lectures, seminars, and other courses in either physics, chemistry, mechanical engineering, or electrical engineering and information technology is expected, as is supervision of bachelor and master theses. Habilitation or equivalent achievement in science and teaching are required. The recruitment requirements of employment are listed in § 47 Landeshochschulgesetz (LHG) of the State of Baden-Württemberg.

Institute: Institute of Nanotechnology (INT)

Contract duration: Permanent

Starting date: At the earliest convenience

Application up to: October 18th, 2020

Contact person in line-management: Prof. Manfred Kappes (INT, Chemistry) or Prof. Martin Wegener (INT, Physics)
Application: Applications with the usual documents [curriculum vitae, their five most important publications, as well as research and teaching statements] to:

Dekan der KIT-Fakultät für Physik
Division V
Karlsruher Institut für Technologie (KIT)
76128 Karlsruhe, Germany

Preferably by email as a single document in pdf-format, to dekanat@physik.kit.edu.

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

The KIT is certified as a family-friendly university and offers part-time employment, leaves of absence, a Dual Career Service and coaching to actively promote work-life-balance.