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 humankind in the fields of energy, mobility, and information. For this, about 9,300 employees of KIT cooperate in a broad range of disciplines in research, academic education, and innovation.

Division V – Physics and Mathematics – invites applications for a

**Professorship (W3) in Information-Based Materials Design and Nanoscience**

associated with the position of Head of the Institute of Nanotechnology (INT) as successor of Prof. Horst Hahn.

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.

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.

KIT is pursuing the strategic goal of substantially increasing gender balance and diversity of its faculty. As an equal opportunity employer, KIT explicitly encourages applications from women as well as from all others who will bring additional diversity to the university’s research and teaching. KIT provides dual-career support for scientists and their families. Applicants with disabilities will be preferentially considered if suitably qualified.

Suitably qualified candidates should submit by October 18, 2020 a 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. For further information about this position please contact Prof. Manfred Kappes (INT, Chemistry) or Prof. Martin Wegener (INT, Physics).