W3-Professorship for Quantum Computing

Job description: As a scientist you are working theoretically and/or experimentally in the field of solid-state-based and hybrid quantum technologies. Examples are superconducting circuits, semiconductor and molecular systems, quantum optics, experience in the selective manipulation of quantum states and light-matter interactions. It is expected that you develop a coherent research program between KIT and the University of Strasbourg within the EUCOR network in the field of quantum technologies. KIT offers a variety of coordinated research activities to which you will contribute. The link to the University of Strasbourg is being considered within the framework of a part-time job.

You will join either the Institute of Physics or the Institute for Theoretical Condensed Matter Physics as a member of the collegial institute management and take on tasks in the academic self-administration. You will teach basic physics and special lectures in solid-state physics and quantum science and technology, as well as supervise bachelor, master, and doctoral theses.

Qualification: The KIT is part of EUCOR - The European Campus was created as a European grouping for territorial cooperation (EGTC) consisting of the Universities of Basel, Freiburg, Strasbourg, and KIT.

Employment conditions as outlined in Article 47, LHG (Act of Baden-Württemberg on Universities and Colleges) in conjunction with § 20 KITG (KIT-Gesetz) shall apply.

Institute: Physics Institute or Institute for Theoretical Condensed Matter Physics

Contract duration: Permanent

Starting date: at the earliest convienience

Application up to: January 17th, 2021

Contact person in line-management: Prof. Dr. Wolfgang Wernsdorfer, e-mail: wolfgang.wernsdorfer@kit.edu
**Application:**

Applications with the usual documents (curriculum vitae, list of publications) should be sent.

KIT is an equal opportunity employer. Women are especially encouraged to apply. Recognized severely disabled persons will be preferred if they are equally qualified.

The processing of personal data by the Karlsruhe Institute of Technology (KIT) is carried out according to the Privacy Policy.

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.