



Karlsruhe Institute of Technology

The Karlsruhe Institute of Technology (KIT) is the result of the merger of the Universität Karlsruhe with the Forschungszentrum Karlsruhe with more than 9400 employees and over 24000 students.

The Institute for Technical Chemistry and Polymer Chemistry (ITCP) of the Karlsruhe Institute of Technology (KIT) in Southern Germany has an exciting opportunity for a

Postdoctoral Fellow in Operando Spectroscopy (EXAFS)

for in situ characterization of heterogeneous catalysts in our catalysis laboratories and at synchrotron radiation sources. Are you interested to work at the interface of physical chemistry and questions relevant to technical processes?

The position focusses on the physico-chemical characterization of catalysts by operando spectroscopic techniques, in particular X-ray absorption spectroscopy (XANES, EXAFS, HERFD-XAS) and new photon-in/photon-out techniques (i.e. XES) which will be conducted in close cooperation with synchrotron radiation facilities DESY (Hamburg), ANKA (Karlsruhe), SLS (Villigen) and ESRF (Grenoble).

A PhD in chemistry, physics, or a related scientific field is a prerequisite for this position. Experience with EXAFS data analysis and operando spectroscopy is highly desirable. He/she should also have knowledge in programming.

Enthusiastic applicants with good English language knowledge should contact Prof. Dr. Jan-Dierk Grunwaldt, E-Mail: grunwaldt@kit.edu for further information or visit the homepage <http://www.itcp.kit.edu/grunwaldt>

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

Please send your application including a CV, reference letters and publication list until **31.12.2014** to the **Karlsruhe Institute of Technologie (KIT), Institute for Chemical Technology and Polymer Chemistry, Prof. Dr. Jan-Dierk Grunwaldt, Kaiserstr. 12, D-76131 Karlsruhe.**

KIT – University of the State of Baden-Württemberg and National Laboratory of the Helmholtz Association.