



The Faculty of Chemistry and Physics is seeking to fill a position of a

W2 Professorship for “Physical Chemistry – Interfaces and Colloids”

to commence on the 1st of October 2018.

The appropriate candidate pursues a research concept that includes the development of new theoretical models, methods and experimental techniques for surface, interface and nanoparticle science with a broad spectrum of potential applications. Applicants should have excellent qualifications and expertise in a combination of the following areas: experimental and theoretical investigation of the thermodynamics and kinetics of (nanostructured) surfaces and colloids; analysis of chemical structures and physical properties of surfaces and interfaces of solids and colloidal systems; modelling and methodological development for the understanding of microscopic and macroscopic interactions of nanoparticles with each other as well as with liquids, gases and (macro)molecules and the resulting properties.

It is expected that the appointed professor will seek the cooperation with research groups within the university that work in chemistry, materials science, mineralogy and raw materials research, experimental and theoretical physics and/or engineering. Collaborations with the Helmholtz-Institut Freiberg für Ressourcentechnologie (HIF) and other research institutions in Saxony, Germany and internationally are very welcome.

The appointed professor will be responsible for the teaching of physical chemistry as fundamental part of the university bachelor, master and diploma program in chemistry and applied science. In addition, introductory and special courses as part of the curriculum of other departments should also be offered. The general willingness and ability to teach in English as well as in neighboring subjects areas, if required is expected.

The applicant must meet and fulfil the general prerequisites for an appointment as a professor in accordance with § 58 Sächsisches Hochschulfreiheitsgesetz dated January 15, 2013 (Sächsisches Gesetz- und Verordnungsblatt 2013 sheet No. 1, page 3) in its currently valid and applicable version. The university provides support by furnishing child care and in mediating appropriate job positions for the partner or spouse. The TU Bergakademie Freiberg pursues an instructional and research concept that expects the successful candidate to move his or her main residence to Freiberg or its immediate vicinity.

The TU Bergakademie is committed to increasing the ratio of women in teaching and research positions. That is why qualified female candidates are especially encouraged to apply. Applicants with disabilities will receive preferential consideration, provided they possess equal qualifications, achievements and abilities. For adequate consideration of a disability or an equivalent status applicants must enclose documents furnishing proof of such condition.

Applications including curriculum vitae, research plan, list of publication, teaching experience and statement, and academic certificates must be sent by mail or by e-mail as one single PDF-document (Bewerbungen@tu-freiberg.de) until the **10th of November 2017** to the Department of Human Resources at the **Technische Universität Bergakademie Freiberg, Dezernat für Personalangelegenheiten, Akademiestraße 6, 09599 Freiberg, GERMANY**

(Attention: No access for electronically signed or encrypted electronic documents. An application by e-mail is a matter of data protection law. The sender bears the full responsibility for this.

For further inquiries, please contact Prof. Dr. Kortus, (e-mail: dekan.fak2@chemie.tu-freiberg.de, Phone +49-3731-39-4008).