

**Job market
33/2019**

Leipzig, 28 January 2019

The **Faculty of Chemistry and Mineralogy/Institute of Chemical Technology** offers a position starting from **01.04.2019**:

Post-Doc Position (m/f/d)

Salary according to civil service wage agreement: E13 TV-L

Contract duration: 11 months

Job description:

Within the context of an industrial research project on aging phenomena of catalysts for the selective catalytic reduction of NO_x with NH₃ (NH₃-SCR), we offer a position as research scientist/post-doc. One goal of the project is to gain understanding about the changes of the material properties of NH₃-SCR catalysts during aging in the vehicle, as well as the conditions during vehicle-aging leading to those changes. Therefore, vehicle-aged as well as synthetically aged catalysts shall be characterized in detail using microscopic and spectroscopic techniques among others. Furthermore, catalytic experiments shall be conducted to derive structure-activity correlations and identify the cause for catalyst deactivation in the vehicle. Another goal of the project is to use synthetic catalyst aging techniques to derive rapid aging protocols which can be applied to assess the long-term stability of novel catalyst formulations.

Requirements:

- Doctoral degree in chemistry, chemical engineering or related areas
- Expertise in heterogeneous catalysis and reaction engineering, ideally in the field of exhaust aftertreatment
- Fluency in English, motivation and commitment, strong communication and solid presentation skills

Please send your comprehensive **application** using the identification number **33/2019** by **February 28th 2019** to:

**Universität Leipzig
Fakultät für Chemie und Mineralogie
Institut für Technische Chemie
Prof. Roger Gläser
Linnéstr. 3, 04103 Leipzig**

Severely disabled applicants with equal qualification and aptitude will be given preferential

Information regarding data protection

Your personal data which is included in your application documents or obtained during the interview shall be processed exclusively for the purposes of the selection process for the advertised position. The legal basis for data processing is Article 11 Paragraph 1 of the Saxon Data Protection Implementation Act (Sächsisches Datenschutzdurchführungsgesetz) in conjunction with the EU General Data Protection Regulation (GDPR). The person responsible for the application process is the addressee of the application provided below in this advertisement. As part of the application process your personal data will be passed on to the following persons or departments within Leipzig University

- members of the selection committee,
- the HR office,
- the Commissioner for Equal Opportunities,
- the Representative Body for Severely Disabled Employees and
- if necessary, the Staff Council

as part of their organisational or statutory responsibilities.

Your personal data will be deleted at the latest six months following completion of the selection process. In accordance with the GDPR you have the following rights vis-à-vis the addressee of the application if the relevant statutory requirements exist: right of access (Art. 15 of the GDPR), right of rectification of incorrect personal data (Art. 16 of the GDPR); data deletion (Art. 17 of the GDPR), restriction of processing (Art. 18 of the GDPR) and objection to processing (Art. 21 of the GDPR). If you have any questions, please contact the data protection officer at Leipzig University, Mr Thomas Braatz, Augustusplatz 10, 04109 Leipzig. You also have the right to lodge a complaint with the Saxon data protection commissioner.