TECHNISCHE UNIVERSITÄT
CHEMNITZ

# Open Position

The Chemnitz University of Technology is an established innovative scientific and educational institution, which takes on the challenges connected with the competition between the universities. The Chemnitz University of Technology offers attractive employment for personalities with proven scientific excellence who want to contribute to the further innovative development.

The Faculty of Natural Sciences, Professorship of Materials for Innovative Energy Concepts, offers a full employment, subject to budgetary availability, at the earliest opportunity for a

## PostDoc

(E13 TV-L, 100 %)

The fixed term position for two years follows the Act of Temporary Employment in Higher Education (WissZeitVG) and the Saxon Law on Universities (SächsHSFG). Selection will occur according to suitability, qualification and professional performance. Chemnitz University of Technology aims to particularly support women and therefore explicitly asks for applications from qualified female candidates. Severely disabled persons or those with an equivalent status will be considered preferentially in accordance with SGB IX. The workplace is also suitable for part-time work. In the case of corresponding applications, it will be examined whether the part-time wishes can be fulfilled within the scope of the employment opportunities.

### Your tasks comprise

- Synthesis and characterisation of intermetallic catalytic materials for the knowledge-based development of heterogeneously catalysed reactions connected to chemical energy conversion.
- Development and optimisation of catalytic material based on the knowledge-based approach.
- Interdisciplinary cooperation and technology transfer to industry
- Participation in teaching, supervision of practical trainings as well as Bachelor-, Master- and PhD theses

The position aims at your further scientific development, for which you publish your scientific results, teach and acquire third party funding. If you want to join our interdisciplinary and highly motivated team, you should bring along the following qualifications and traits:

- Experiences in classical and nanoparticulate synthesis as well as the extensive characterization of binary and ternary intermetallic compounds
- Knowledge in heterogeneous catalysis, especially chemical energy conversion
- Commitment and willingness to teamwork are required
- Good English skills (spoken and written) are indispensable, as well as a structured and goal-oriented approach
- An undergraduate academic degree (or an equivalent degree) in the field of chemistry or in a related field, which opens up access to the corresponding qualification level
- Completed dissertation desirable

Applicants have to fulfil the precondition of employment according to §71 SächsHSFG.

Please send your full application, either electronically as a single PDF file by e-mail, or by ordinary mail **before 14.07.2017** using the reference number »**HH-2-2017-211040**« to the address below. Please do not send original documents, since applications will not be sent back but discarded according to data handling regulations. If you wish your application materials to be sent back to you, please enclose a prepaid and correctly addressed envelope.

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