A position is available at the Institute of Energy Process Engineering and Chemical Engineering, Professorship of Energy Process Engineering

Research Associate – reference number 189-E/2021

to be filled at the earliest possible time.

Pay grade: E13 TV-L  
Hours: full-time  
Contract type: 3 years (prolongation aspired)

Job description:
- Acquisition and scientific implementation of R&D projects in the field of reactive plasmas
- Development of numerical models for reactive plasmas and plasma-assisted conversion processes
- Support in the planning and evaluation of experimental studies
- Participation in the development of the strategic research directions as well as the advancement of novel scientific topics for plasma applications
- Advancement of the cooperation with national and international partners from research institutions and industry
- Publication of research results in international journals and at national and international conferences

What you can expect from us:
- A position in an active and supportive research group at a family-friendly university with flexible working hours
- Salary in accordance with the collective labour agreement for civil servants of the German states
- Support from experienced colleagues for lab work, scientific publications and participation in conferences
- Possibility to take part in the University’s career development programmes

What we expect from you:
- Preferably a PhD in the field of numerical modeling
- Preferred knowledge of reactive plasma and CFD modeling
- Independent, self-reliant way of working
- Enthusiasm and creativity
- Very good English language skills (verbal and written)
- Willingness for PhD/Postdoctoral thesis
- Development and support of lectures and seminars

For further information please contact PD Dr.-Ing. habil. Andreas Richter, Tel.: 03731 39-4801, E-Mail: a.richter@iec.tu-freiberg.de.

The applicant must meet the hiring requirements for fixed-term employment contracts according to the WissZeitVG. Applicants with disabilities will receive preferential consideration, provided they possess equal qualifications. For consideration, we ask you to submit proof of your disabled status together with your application documents. TU Bergakademie is committed to increasing the number of women in teaching and research positions, hence qualified female candidates are especially encouraged to apply.

Written applications, including a CV, motivation letter and copies of all relevant qualifications documents (certificates, diplomas), should be submitted before 26 September 2021 stating reference number (189-E/2021) to the following address:

TU Bergakademie Freiberg, Dezernat für Person alangelegenheiten, 09596 Freiberg or bewerbungen@tu-freiberg.de

Your application documents will not be returned, please only submit copies. Candidates will not be compensated for any costs incurred for attending interviews. TU Bergakademie Freiberg is always looking for scientific personnel from various disciplines. Further information can be found at http://tu-freiberg.de/wirtschaft/karriere/stellenausschreibungen