

The Department of Material Sciences and Process Engineering, Institute of Chemical and Energy Engineering wishes to fill a **career position in compliance with § 99 (5) UG (tenure-track) in the field of**

Energy process engineering with a focus on thermo-chemical fuel conversion processes

Working time: 40 hours a week

Term of the employment relationship: 1st of September 2023, limited to a period of 6 years

Workplace: Vienna

Allocation in compliance with the Collective Agreement for University Staff to job group: B1 lit. b

Gross monthly salary (depending on previous eligible experience) at least: € 4,351.90 (14x a year, in addition we also offer an attractive career development programme and an extensive range of social benefits)

Target group

§99 (5) positions offer academics with high potential and the relevant achievements the opportunity of an academic carrier ranging from a postdoc position to that of assistant professor and on to associated professor. The position of associated professor can be achieved at the latest six years after the appointment. §99 (5) positions are aimed at academics with a doctorate/PhD degree, with high potential, who are close to or have already successfully completed a habilitation. Experience at other universities or research institutes abroad is expressly welcome.

Tasks and focus areas

- Research in the field of Energy process engineering with a focus on thermo-chemical fuel conversion processes
- Leading a new research group at the Institute of Chemical and Energy Engineering in the area of thermo-chemical fuel conversion processes
- Teaching and supervision or co-supervision of final papers within the scope of legal possibilities
- Transfer of knowledge and the promotion of junior researchers in line with the social responsibility of the University of Natural Resources and Life Sciences
- Assumption of administrative tasks within the framework of university self-administration
- Acquisition and management of competitively funded national and international research projects

Requirement profile

- Completed doctorate in a relevant field
- Sound professional experience in the scientific field as a postdoc
- Excellent publication achievements as well as international orientation and recognition
- Experience in acquisition and co-ordination of co-operative research projects on national and/or European level
- Willingness and ability to lead your own research team incl. the necessary funding this requires (third-party funding)
- Enthusiasm for outstanding teaching
- Excellent written and spoken German and English or willingness to learn German in the first two years

Other desired qualifications

- Experience abroad as well as in teaching and leadership at universities and research institutions
- Professional experience in supplier or utility companies with a focus on fuel conversion processes, especially fluidized bed processes
- Experience with fluidized bed systems for zero- and negative-emission technologies
- Willingness to participate in the long-term development of the Institute of Chemical and Energy Engineering

Publication date: 30th of January 2023

Closing date for applications: 6th of March 2023

University of Natural Resources and Life Sciences Vienna seeks to increase the number of its female faculty and staff members. Therefore qualified women are strongly encouraged to apply. In case of equal qualification, female candidates will be given preference unless reasons specific to an individual male candidate tilt the balance in his favour.

People with disabilities and appropriate qualifications are specifically encouraged to apply.

Please submit your application in English incl.

- Curriculum vitae with detailed presentation of professional, teaching and research activities incl. ORCID
- List of all publications (refereed & non-refereed), lectures and projects
- Electronic transmission of the PDF files of five own publications which you consider to be particularly important
- Rough concept for future plans in research and teaching including your contribution to the scientific profile of the Department
- Teaching portfolio including evaluation results
- Brief explanation why you think you should be particularly suitable for this position (max. 1 page)

and indicating the reference code 19 to kerstin.buchmueller@boku.ac.at until 6th of March 2023.

Applicants are not entitled to reimbursement of travel and accommodation costs incurred as a result of the selection procedure.

www.boku.ac.at