

**349. Job Advertisement – One vacant position for a full-time University Assistant (m/f/d) at the Chair of Thermal Processing Technology, in the Department of Environmental and Energy Process Engineering – Reference Number: 2209WPK**

One vacant position for a full-time University Assistant (m/f/d) at the Chair of Thermal Processing Technology, in the Department of Environmental and Energy Process Engineering - starting probably 01.11.2022, on a temporary employment contract lasting 3 years.

Salary Group B1 according to the Uni-KV, monthly minimum salary excl. Szlg.: € 3.058,60 for 40 hours per week (14 x per year), actual classification is according to previous relevant experience.

**Description:**

We are looking for a motivated person who is interested in developing burner systems that run on any mixture of hydrogen and natural gas. Such systems will be developed using Computational Fluid Dynamics (CFD) methods to obtain the characteristic of the chemical and physical processes involved in combustion in detail. An optimization cycle will be used to develop a prototype burner and measure it in the burner test facility.

**Requirements:**

- Master's degree in process engineering, mechanical engineering, or engineering physics
- Experience using Computational Fluid Dynamics
- Proficiency in a high-level programming language, C/C++ preferred
- English proficiency B2

**Additional qualifications:**

- Relations with a university outside the German-speaking regions
- Knowledge in the field of turbulent combustion

**Reference ID:** 2209WPK

**End of Application:** 20.10.2022

The Montanuniversitaet Leoben intends to increase the number of women on its faculty and therefore specifically invites applications by women. Among equally qualified applicants, women will receive preferential consideration.

For the application please use the online form on the homepage:

<http://www.unileoben.ac.at/jobs>

Der Rektor:  
Univ.-Prof. Dipl.-Ing. Dr.techn. Dr.h.c. Wilfried Eichlseder

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