

**292. Job Advertisement – extension of the application deadline – A research position in accordance with § 99 (5) of the 2002 Universitätsgesetz (according to § 27 of the collective agreement for the University employees - Uni-KV) at the Chair of Ceramics of the Department Mineral Resources Engineering is open to be filled at the earliest date. – Reference number: 2506WPA**

A research position in accordance with § 99 (5) of the 2002 Universitätsgesetz (according to § 27 of the collective agreement for the University employees - Uni-KV) at the Chair of Ceramics of the Department Mineral Resources Engineering is open to be filled at the earliest date.

At the Montanuniversität Leoben, the Chair of Ceramics at the Department Mineral Resources Engineering is seeking to fill a career position according to § 99(5) of the 2002 UG (Qualification position according to § 27 - Uni-KV) as of the earliest possible date in a permanent, full-time employment relationship.

The classification is based on the collective agreement for employees of the universities in salary group A2. In this classification, the collective agreement monthly salary for full employment is € 5.808,20 gross (14 times a year).

The applicant should represent the research field “Ceramic refractories – testing and simulation” in all relevant areas of the Montanuniversität in teaching, research and transfer. Teaching in the bachelor's and master's degrees as well as in the subject area is expected.

**Requirements for employment are:**

- Research experience with ordinary ceramic refractory materials for industrial pyroprocesses, proven by publications.
- Experience with the application of simulation techniques for refractory materials and linings, taking into account not linear-elastic material behavior.
- Experience with fracture mechanical characterization of refractories.
- Habilitation in the field of refractory materials or an equivalent scientific and didactic qualification.
- Successful acquiring third-party funding for application and contract research with national and international partners.
- Fluent command of German and English at the time of application

**In particular, it is expected that the person takes over the following tasks:**

- Research work in the area of testing and simulation of refractory material behavior.
- Investigation of structure-property relationships of refractory materials
- FEM and DEM simulations of refractory materials and linings under thermomechanical stress as well as micromechanical simulation.
- Acquisition of third-party funding and management of national and international research projects.
- Maintaining and expanding national and international co-operations
- Publications in peer-reviewed international journals and contributions to conferences.
- Supervision of Bachelor and Master students as well as PhDs.
- Teaching in the area of refractories and simulation techniques

**The following documents must be submitted in German or English:**

- Letter of motivation (maximum 1 page)
- Comprehensive curriculum vitae with a complete list of publications
- Proof of the stated employment requirements
- List of previous research and teaching activities

**Reference number: 2506WPA**

**Application deadline: 15.07.2025**

The Montanuniversität 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>

The Rector:

Univ.-Prof. Dipl.-Ing. Dr.mont. Dr.-Ing. E.h. Dr.h.c. Peter Moser

**Impressum und Offenlegung (gemäß MedienG):**

Medieninhaberin, Herausgeberin und Herstellerin: Montanuniversität Leoben, Franz Josef-Straße 18, A-8700 Leoben.

Verlags- und Herstellungsort: Leoben. Anschrift der Redaktion: Büro des Rektorates, Franz Josef-Straße 18, A-8700 Leoben.

Unternehmensgegenstand: Erfüllung von Aufgaben gemäß § 3 Universitätsgesetz 2002, BGBl. I Nr. 120/2002 idgF. Art und Höhe der

Beteiligung: Eigentum 100%. Grundlegende Richtung: Information der Öffentlichkeit in Angelegenheiten der Forschung und Lehre sowie

der Organisation und Verwaltung der Montanuniversität Leoben sowie Veröffentlichung von Informationen nach § 20 Abs. 6

Universitätsgesetz 2002 idgF. Namen der vertretungsbefugten Organe der Medieninhaberin: Univ.-Prof. Dipl.-Ing. Dr.mont. Dr.-Ing.E.h.

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