

236. Job Advertisement – 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 Structural and Functional Ceramics of the Department of Materials Science is open to be filled at the earliest date – Reference Number: 2606WPB

At the Montanuniversität Leoben, the Chair of Structural and Functional Ceramics at the Department of Materials Science 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 under a permanent employment contract.

The position will be classified according to the collective agreement for university employees in salary group A2, subject to a qualification agreement. In this classification, the monthly salary for full-time employment is € 5.904,00 gross (paid 14 times per year).

In the Materials Science field at Montanuniversität Leoben, research is conducted at the highest international level to gain an in-depth understanding of the internal structure and the associated properties of materials and material systems. For more than 30 years, the Chair of Structural and Functional Ceramics at the Department of Materials Science has been investigating microstructure–property relationships in structural and functional ceramics for applications in communications, transport, energy, and biomedicine.

The development of innovative manufacturing processes, such as additive manufacturing, as well as non-conventional sintering methods like cold sintering or rapid sintering, is becoming a core competence of the chair and is intended to be specifically strengthened through this qualification agreement (QV) position. The chair has comprehensive infrastructure available for the processing (slurry preparation), shaping (e.g. tape caster, 3D printers), and sintering (e.g. SPS) of novel ceramic materials, which is to be further developed within the framework of the new QV position. A particular focus will be placed on the field of bioceramics and/or functional ceramics.

An internationally recognized expert is sought to represent the research field of “**Processing and Innovative Manufacturing of Inorganic Materials**” at the Department of Materials Science of the Montanuniversität Leoben in teaching, research, and knowledge transfer across all relevant areas, as well as to independently pursue and further develop this field. Participation in teaching at the bachelor’s and master’s level, as well as within the department, is expected.

Requirements for this position include:

- Completed doctoral/PhD studies in a relevant discipline such as chemistry or materials science/materials engineering, with a domestic university qualification appropriate to the position or an equivalent foreign qualification;
- Solid knowledge of inorganic chemistry, powder technology, manufacturing methods, and sintering theory;
- Publications in international peer-reviewed scientific journals;
- Relevant international experience and/or willingness to undertake a stay abroad;
- Proven success in acquiring research funding;
- Experience in academic teaching and strong didactic and pedagogical skills;
- Very good written and spoken English skills.

- **The successful candidate will be expected to perform the following tasks:**
- Development of bioceramics and/or functional ceramics for applications in biomedicine, energy, or communication, as well as the establishment of new partnerships in these fields;
- Support in the development of slurries (from different powder systems), green body fabrication (e.g. tape casting, additive manufacturing), and sintering processes — both conventional and non-conventional (e.g. cold sintering, rapid sintering, flash sintering);
- Interdisciplinary collaboration with other institutes/departments at the Montanuniversität Leoben;
- Participation in university organizational and administrative tasks, as well as in evaluations.

The following documents must be submitted in German or English:

- Letter of motivation (maximum 1 page)
- Comprehensive CV with a complete list of publications
- Proof of meeting the stated employment requirements
- List of previous research and teaching activities
- Concept for future research and teaching in the field relevant to the job position

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End of Application: 10.08.2026

The Montanuniversität Leoben (Technical University of 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

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