

-
329. **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 for Nonferrous Metallurgy of the Department of Metallurgy is open to be filled at the earliest date - Reference Number: 2208WPC**
330. **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 for Nonferrous Metallurgy of the Department of Metallurgy is open to be filled at the earliest date. Reference Number: 2208WPB**
331. **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 Physical Metallurgy and Metallic Materials at the Department of Materials Science is open to be filled at the earliest date. Reference Number: 2208WPA**
-

329. **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 for Nonferrous Metallurgy of the Department of Metallurgy is open to be filled at the earliest date - Reference Number: 2208WPC**

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 for Nonferrous Metallurgy of the Department of Metallurgy is open to be filled at the earliest date. Reference Number: 2208WPC

At the Montanuniversität Leoben, the Chair of Nonferrous Metallurgy at the Department of Metallurgy 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 € 4 782.30 gross (14 times a year).

The applicant should work on and deepen the research field CO₂-neutral reducing agents in non-ferrous metallurgy and evaluation of metallurgical by-products in all relevant areas of the Montanuniversität in teaching, research and transfer independently. Teaching in the bachelor's and master's degrees as well as in the subject area is expected.

Requirements for employment are:

- A domestic or equivalent foreign higher education with a focus on recycling by-products of the metallurgical industry and a doctoral or PhD degree that has been completed with distinction
- Knowledge about the morphology and characterization of metallurgical by-products
- Experience in selective removal of unwanted accompanying elements and compounds from metal-bearing residues
- Knowledge in the use of biomass and hydrogen as reducing agents in metallurgy
- Experience in lecturing at international universities and scientific meetings
- Relevant international experience abroad and/or willingness for a several months research stay abroad
- Relevant scientific publication record
- Relevant research experience and proven successful project submissions
- Experience in the development and implementation of international study programs
- Experience in the field of administration of study programs and development of curricula
- Experience in university teaching as well as didactic and pedagogical skills

- Qualification as a manager
- Very good written and spoken English. Qualification for German-language teaching (level at least B2).

In particular, it is expected that the person has the following skills and takes on tasks:

- Coordination of international study programs and teaching
- Characterization and evaluation of by-products of the metallurgical industry as a new source for raw materials
- Evaluation of CO₂-neutral reducing agents with regard to their implementation in non-ferrous metallurgical processes
- Participation in teaching administration (commissions, development of curricula, etc.)
- Intensive cooperation in teaching at the Chair of Nonferrous Metallurgy
- Establishment and expansion of contacts with relevant industry
- Proof of already existing cooperations with the metallurgical industry, nationally and internationally
- Willingness to participate appropriately in university organizational and administrative tasks
- Experience in interdisciplinary and cross-disciplinary work to research and develop recycling processes
- Supervision of bachelor and master students as well as doctoral students

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: 2208WPC

Application deadline: 30.09.2022

330. 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 for Nonferrous Metallurgy of the Department of Metallurgy is open to be filled at the earliest date. Reference Number: 2208WPB

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 for Nonferrous Metallurgy of the Department of Metallurgy is open to be filled at the earliest date. Reference Number: 2208WPB

At the Montanuniversität Leoben, **the Chair of Nonferrous Metallurgy at the Department of Metallurgy** 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 € 4 782.30 gross (14 times a year).

The applicant should work on and deepen the research field Recycling of industrial material flows from metallurgical processes in all relevant areas of the Montanuniversität in teaching, research and transfer independently. Teaching in the bachelor's and master's degrees as well as in the subject area is expected.

Requirements for employment are:

- A domestic or equivalent foreign higher education with a focus on metallurgy of nonferrous metals and a doctoral or PhD degree that has been completed with distinction
- Experience in the field of process development for the exploitation of secondary resources
- Experience in the field of recycling of special metals from industrial waste streams
- Existing network with relevant European universities in the context of cooperative projects or joint academic programs
- Relevant international experience abroad and/or willingness for a several months research stay abroad
- Relevant scientific publication record
- Relevant research experience and proven successful project submissions
- Experience in the development and implementation of international study programs
- Experience in the field of administration of study programs and development of curricula
- Experience in university teaching as well as didactic and pedagogical skills
- Qualification as a manager
- Very good written and spoken English. Qualification for German-language teaching (level at least B2).

In particular, it is expected that the person has the following skills and takes on tasks:

- Coordination of international study programs and teaching
- Participation in the area of teaching administration (commissions, development of curricula, etc.)
- Establishment of a research field in the area of recycling of industrial waste streams
- Cooperation in teaching and independent realization of courses
- Willingness to cooperate with international universities in the field of teaching or research
- Developing of application-oriented research with industrial companies
- Willingness to participate appropriately in university organizational and administrative tasks
- Supervision of bachelor and master students as well as doctoral students

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: 2208WPB

Application deadline: 30.09.2022

331. 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 Physical Metallurgy and Metallic Materials at the Department of Materials Science is open to be filled at the earliest date. Reference Number: 2208WPA

At the Montanuniversität Leoben, **the Chair of Physical Metallurgy and Metallic Materials 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 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 € 4 782.30 gross (14 times a year).

The Chair of Physical Metallurgy and Metallic Materials seeks an internationally acknowledged candidate who employs modern diffraction and scattering techniques to support the development, processing and application of complex multi-phase materials for high-performance and lightweight applications. The applicant should represent the research field assigned to materials science in all relevant areas at the Montanuniversität, set accents in the scientific research in this field and independently initiate and carry out projects with regard to both fundamental as well as applied research. In particular, it is expected that he/she

- has experience with diffraction and scattering methods (e.g. (high-energy) X-ray diffraction, (high-energy) small-angle X-ray scattering, texture and residual stress measurements) for the characterisation of multi-phase metallic and intermetallic materials,
- has pronounced methodological expertise in the characterization of phase transformations, the processing as well as the alloy development of complex materials systems,
- has many years of experience in conducting experiments at international large-scale research facilities, proven e.g. by positively evaluated beamtime proposals and publications,
- can show relevant experience abroad and/or is willing to spend a research stay abroad,
- takes over the supervision of bachelor, master and PhD students within her/his own working group,
- encourages interdisciplinary cooperation, in particular between the institutes and departments of the Montanuniversität,
- is willing to participate appropriately in university organizational and administrative tasks as well as in evaluations.

Regarding teaching activities, in addition to participation in existing courses, the basics of designing materials for high-performance applications are to be taught in the master's degree of materials science.

Requirements for employment are:

- a) A domestic or equivalent foreign higher education (e.g. materials science, physics, chemistry) with a doctoral or PhD degree that has been completed with distinction;
- b) Documented experience in the field of diffraction and scattering techniques at large scale research facilities;
- c) Relevant publications in internationally recognized scientific journals;
- d) Relevant international experience abroad and/or willingness to spend a research stay abroad;
- e) Relevant research experience and documented successful project submissions;
- f) Experience in university teaching as well as didactic and pedagogical skills (with documented further training in didactics and experience in online teaching);
- g) Qualification as a manager;
- h) Very good command of German and English both written and spoken (level of at least B2 in both languages)

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

Male applicants only after completion of military/civilian service.

Reference number: 2208WPA

Application deadline: September 30.09.2022

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:

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

The Rector:

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

Impressum und Offenlegung (gemäß MedienG):

Medieninhaber, Herausgeber und Hersteller: Montanuniversität Leoben, Franz Josef-Straße 18, A-8700 Leoben.

Vertretungsbefugtes Organ des Medieninhabers: Rektor Univ.-Prof. Dipl.-Ing. Dr. Dr.h.c. Wilfried Eichlseder. Verlags- und Herstellungsort: Leoben. Anschrift der Redaktion: Zentrale Dienste der Montanuniversität Leoben, Franz-Josef-Straße 18, A-8700 Leoben.

Unternehmensgegenstand: Erfüllung von Aufgaben gemäß § 3 Universitätsgesetz 2002, BGBl. I Nr. 120/2002 in der jeweils geltenden Fassung. 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.