

- 307. Job Advertisement – The Chair of Physical Metallurgy in the Department of Materials Science has a position for a full-time University Assistant (m/f/d) – Reference number: 2609WPC**
- 308. Job Advertisement – The Chair of Processing of Composites and Design of Recycling in the Department of Polymer Engineering and Science has a position for a full-time University Assistant (m/f/d) – Reference number: 2609WPD**
- 309. 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 Materials Science and Testing of Polymers of the Department of Polymer Engineering and Science is open to be filled at the earliest date – Reference number: 2609WPE**
-

- 307. Job Advertisement – The Chair of Physical Metallurgy in the Department of Materials Science has a position for a full-time University Assistant (m/f/d) – Reference number: 2609WPC**

As a modern university with a strong focus on research and teaching, the Montanuniversität Leoben (Technical University of Leoben) offers outstanding opportunities for career advancement in both scientific and non-scientific domains.

The Chair of Physical Metallurgy in the Department of Materials Science has a position for a full-time University Assistant (m/f/d).

Salary Group B1 according to the UNI-KV, monthly minimum salary excl. Szlg.: € 3.776,10 for 40 hours per week (14x per year), actual classification is according to previous relevant experience.

Date of expected start of employment: **1.11.2026**

Term of employment: **4 years**

Hours of employment per week: **40 hours**

Responsibilities:

The task will be to perform fundamental research on crystal growth using associated simulation and experimental methods, in particular the physical vapor transport method, to grow SiC single crystals of high quality for applications in power electronics. It is expected that a dissertation is written in this field.

Employment requirements:

- Master degree in physics, materials science, mathematics or chemistry
- Structured working method and strong analytical skills
- Master thesis of high scientific quality
- Fluent English skills (written and oral)
- Excellent skills in the presentation of scientific contents
- Good communication skills and team working skills
- Willingness for participation in the preparation of scientific articles and proposals

Desirable additional qualifications:

- Experience in crystal growth or epitaxial growth of semiconductor thin films
- Experience with multiphysics simulation software such as ANSYS or COMSOL
- Programming experience in C++, Fortran, Python, Matlab or Mathematica
- Experience in usage of Unix-based operating systems
- Fluent in German (written and oral)
- Additional languages

We offer numerous benefits, including:

- Convenient public transport connections (train and bus access)
- Family-friendly work environment and good work-life balance
- Access to occupational health services
- Health promotion initiatives and annual health day
- Comprehensive university sports and fitness programs
- Employee discounts at selected shops and services
- Language courses and support for international staff

Reference ID: 2609WPC

End of Application: 13.10.2026

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>

308. Job Advertisement – The Chair of Processing of Composites and Design of Recycling in the Department of Polymer Engineering and Science has a position for a full-time University Assistant (m/f/d) – Reference number: 2609WPD

As a modern university with a strong focus on research and teaching, the Montanuniversität Leoben (Technical University of Leoben) offers outstanding opportunities for career advancement in both scientific and non-scientific domains.

The Chair of Processing of Composites and Design of Recycling in the Department of Polymer Engineering and Science has a position for a full-time University Assistant (m/f/d).

Salary Group B1 according to the UNI-KV, monthly minimum salary excl. Szlg.: € 3.776,10 for 40 hours per week (14x per year), actual classification is according to previous relevant experience.

Date of expected start of employment: **as soon as possible**

Term of employment: **4 years**

Hours of employment per week: **40 hours**

Responsibilities:

Your task will be the methodological development and improvement of processes at the Institute for Composite Processing and Design for Recycling, focussing on laying and winding technology. The existing non-destructive inline monitoring system for laying and winding is to be expanded and integrated into a closed control loop between NDT and the respective manufacturing process. These development steps should be accompanied by life cycle assessment. The results of this work are to be subjected to mechanical testing for validation and are to be scientifically evaluated. Your responsibilities include the planning, evaluation and coordination of according scientific theoretical and experimental work. In addition, general work load in the research group, e.g. responsibility for technical infrastructure and contribution to educational tasks are part of your work.

Employment requirements:

Completed study program (U/TU) with above-average degree in one of the fields of material science, polymer engineering, mechanical engineering or comparable studies with the aim to finish a PhD. Fluent English in writing and speaking. For applicants from abroad basic knowledge in German language and willingness to improve this knowledge.

Desirable additional qualifications:

You have interest or already first experience in the field of assessment of sustainability. Knowledge in the field of material science, life cycle assessment and/or processing of polymers, especially FRPC will be helpful. You are familiar with the PC and standard office tools. Interest in completing a doctoral thesis and to participate in projects with both basic and application-oriented topics is requested as well.

Desired skills:

High motivation, proactiveness and teamwork abilities as well as good communication skills with staff and customers combined with organizational skills.

We offer numerous benefits, including:

- Ph.D. thesis in the field of sustainable polymer materials within a multidisciplinary research environment
- Participation in a research project with high industrial relevance, as well as close collaboration with leading industry partners in the field of composites and circular economy
- Integration into an interdisciplinary and multinational research team
- Competent, personalized and reliable supervision with a high level of availability
- State-of-the-art laboratories as well as equipment for composite processing
- Convenient public transport connections (train and bus access)
- Family-friendly work environment and good work-life balance
- Access to occupational health services
- Health promotion initiatives and annual health day
- Comprehensive university sports and fitness programs

- Employee discounts at selected shops and services
- Language courses and support for international staff

Reference ID: 2609WPD

End of Application: 13.10.2026

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>

309. 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 Materials Science and Testing of Polymers of the Department of Polymer Engineering and Science is open to be filled at the earliest date – Reference number: 2609WPE

At the Montanuniversität Leoben, the Chair of Materials Science and Testing of Polymers at the Department of Polymer Engineering and 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 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 annually).

We are seeking a candidate to represent and independently develop the research field of **"Experimental fracture mechanics and mechanical lifetime analysis of polymeric mono- and multi-material systems"** in all relevant areas of the University of Leoben, encompassing teaching, research, and knowledge transfer. Teaching in Bachelor's and Master's programs, as well as within the subject area, is expected.

Requirements for this position include:

- Habilitation or an equivalent academic qualification in the field of "Physics of Polymers"
- Expertise in theoretical and applied fracture mechanics, particularly as applied to polymers
- Experience in the experimental determination of fracture mechanical parameters (monotonic, static, cyclic, impact)
- Skills in applying experimental parameters to fracture mechanical procedures to perform mechanical lifetime analyses of single- and multi-material systems under relaxation and retardation loads
- Experience in applying fracture mechanics methods to structurally loaded plastic components produced by various manufacturing methods (e.g., extrusion, blow molding, additive manufacturing)
- In-depth knowledge of the relationships between polymer structure, processing, and properties
- Experience in operating destructive materials testing equipment, particularly for monotonic, static, cyclic, and impact loads
- Management skills and experience in leading staff
- Experience in acquiring and carrying out funded research projects, as well as a track record of completed industrial research collaborations or industrial research projects
- International research experience and participation in research networks
- Active publication record in international peer-reviewed journals
- Experience in university-level teaching
- Excellent written and spoken German and English skills
- Ability to teach courses in the relevant field in both German and English
- Experience supervising students' academic work, such as diploma theses, master's theses, and dissertations, and a willingness to continue taking on this responsibility

The successful candidate will be expected to perform the following tasks:

- Establishing and expanding collaborations with industrial companies for the purpose of securing third-party funding and conducting application-oriented research with industrial companies
- Establishing and expanding an internationally visible research group in the specified field
- Further developing fracture mechanics methods for predicting the failure of plastics, taking into account environmental influences, aged materials, processing technology, and the use of recycled materials
- Publishing in internationally recognized peer-reviewed journals
- Establishing and expanding interdisciplinary collaboration, particularly with the chairs, departments, and major initiatives at the Technical University of Leoben (e.g., Zentrum am Berg, H2 Center, research clusters (materials, recycling, etc.))
- Supervision of students' academic work, such as diploma theses, master's theses, and dissertations

- Participation in university organizational and administrative tasks within the framework of university self-governance
- Teaching courses assigned to the department in both German and English

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 research and teaching in the field relevant to the job advertisement

Reference ID: 2609WPE

End of Application: 13.10.2026

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. mult. 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. Dr.h.c. mult. Peter Moser, Univ.-Prof. Dipl.-Ing. Dr.mont. Helmut Antrekowitsch, Assoz.Prof. Mag. Dr.rer.soc.oec. Christina Holweg, Univ.-Prof. Dipl.-Ing. Dr.techn. Thomas Prohaska, Dr. Manuela Raith, MBA