
8. Job Advertisement – extension of the application deadline – 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: 03.11.2026

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