
132. Job Advertisement - One vacant position for a full-time Senior Scientist (m/f/d) at the Chair of Ferrous Metallurgy at the Department Metallurgy - Reference ID: 2402WPD

133. Job Advertisement - One vacant position for a full-time Senior Scientist (m/f/d) at the Chair of Ferrous Metallurgy at the Department Metallurgy - Reference ID: 2402WPE

132. Job Advertisement - One vacant position for a full-time Senior Scientist (m/f/d) at the Chair of Ferrous Metallurgy at the Department Metallurgy - Reference ID: 2402WPD

One vacant position for a full-time Senior Scientist (m/f/d) at the Chair of Ferrous Metallurgy at the Department Metallurgy. Start from the beginning of April 2024 in a permanent employment contract. Salary Group B1 according to the Uni-KV, monthly minimum salary excl. Szlg.: € 4.752,30 for 40 hours per week (14 x per year).

This position includes the following responsibilities:

- Management of the “Thermal Analysis” laboratory at the chair, supervision of the various existing methods and devices as well as project responsibility for ongoing research projects in this field
- Expansion of the research landscape in this area and extension of experimental possibilities
- Involvement in teaching as well as support in the supervision of bachelor, master and PhD theses
- Development of a knowledge management system at the chair across the respective research areas
- Acquisition of funded and third-party projects and vivid publication activity

Requirements:

- Completed studies in a technical - scientific subject as well as a completed PhD preferably in the field of metallurgy or materials science
- For male applicants, completed military or community service

Desired additional qualifications:

- Comprehensive knowledge in the field of steel and different alloy systems
- Several years of experience with experiments and laboratory tests in the high-temperature range including sample preparation and subsequent analysis, especially in the methods of thermal analysis (STA, DTA)
- Expertise in handling and using thermodynamic software (FactSage and Thermocalc)
- Proven publication activity in refereed journals as well as at conferences in the field

Reference ID: 2402WPD

End of Application: 01.03.2024

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

133. Job Advertisement - One vacant position for a full-time Senior Scientist (m/f/d) at the Chair of Ferrous Metallurgy at the Department Metallurgy - Reference ID: 2402WPE

One vacant position for a full-time Senior Scientist (m/f/d) at the Chair of Ferrous Metallurgy at the Department Metallurgy. Start from the beginning of April 2024 in an employment contract limited to three years. Salary Group B1 according to the Uni-KV, monthly minimum salary excl. Szlg.: € 4.752,30 for 40 hours per week (14 x per year).

In the context of the ongoing transformation of the steel industry, many scientific questions arise due to new process concepts and process routes involving EAF (Electric Arc Furnace) or SAF (Submerged Arc Furnace) technologies. Of particular interest here are, among other things, the role of trace elements and adapted slag processing methods. As part of this position, you will work on scientific questions and projects in this context in the field of steel metallurgy using experimental and theoretical approaches.

Requirements:

- Completed studies in a technical-scientific subject as well as a completed PhD preferably in the field of metallurgy or process engineering
- For male applicants, completed military or community service

Desired additional qualifications:

- Experience with laboratory tests in the high temperature range, including experimental simulation of steel-slag interactions
- Sound knowledge in the field of phase transformations, especially in the area of trace elements and their behavior in liquid steel and during solidification
- Experience in thermodynamic-kinetic modeling of reactions in the steel-slag-refractory system

Reference ID: 2402WPE

End of Application: 01.03.2024

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Der Rektor:
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