



Lehrstuhl für Allgemeine und Analytische Chemie
Leitung: Univ.-Prof. Dipl.-Ing. Dr. Thomas Prohaska
Franz Josef-Straße 18
A - 8700 Leoben
Tel.: +43 3842 402 1200
thomas.prohaska@unileoben.ac.at
<https://aach.unileoben.ac.at/de/6665/>



VACANCY:

A full-time Senior Scientist (m / f / d) at the Department of General, Analytical and Physical Chemistry at the earliest possible point in time in an employment contract limited to 3 years.

Salary group B1 according to Uni-KV, monthly Minimum wage excl. surcharge: € 3,945.90 for 40 hours per week (14 times a year) - the actual classification is based on creditable job-specific previous experience.

We are looking for a researcher with high personal motivation for scientific excellence and integrity, with the ability to solve problems and enjoy working together in research teams in an interdisciplinary and internationally oriented environment.

Requirements: Completed doctorate in natural sciences, with a focus on analytical chemistry.

Desired additional qualifications: Practical experience with ICP-MS; Experience with isotope analysis;

Task area: The core task is the systematic research and development of methods for isotope ratio analysis using an inductively coupled multicollector plasma mass spectrometer (investigation of interferences, studies of instrumental isotope fractionation and the assessment of uncertainty). The latest design mass spectrometer is equipped with a collision cell and is also operated in combination with coupling techniques (e.g. laser ablation or chromatography). The device is currently installed in a state-of-the-art clean room research infrastructure together with a thermal ionization mass spectrometer, which is used for reference measurements. The aim is to investigate and establish the measurement of non-traditional isotope systems in the trace range with applications in the materials, geo- and life sciences. The project is closely linked to the research portfolio of the Montanuniversität Leoben and the projects of the chair.

Publication of the results is mandatory. The person is explicitly encouraged to develop own research ideas and to acquire new projects. International research meetings and visits to the instrument manufacturer are planned.

We offer a varied and independent job. A team-oriented working atmosphere, intensive cooperation with project partners and commitment to teaching offer ideal professional and personal development opportunities. The Montanuniversität Leoben promotes career paths and offers excellent framework conditions for social diversity in a contemporary working environment. The Montanuniversität Leoben aims to increase the proportion of women and therefore expressly encourages qualified women to apply. Women will be given priority if they have the same qualifications as the most suitable competitor.

For your application, please use our online application form on the homepage: <https://www.unileoben.ac.at/jobs>. For more information, contact thomas.prohaska@unileoben.ac.at.

Reference number: 2104 WPN; Application deadline: May 15, 2021