

The **University of Bonn** is an international research university with a wide education and research profile. With a 200-year history, approximately 31,500 students, more than 6,000 staff, and an excellent reputation at home and abroad, the University of Bonn is one of the most important universities in Germany and is recognized as a university of excellence.

The **Geochemistry/Petrology** section of the **Institute of Geosciences (IfGeo)**, invites applications for a position of a

Research Scientist and Lecturer in Isotope Geochemistry / Petrology, with temporary civil servant status (m/f/d) (Akademische*r Rätin*Rat- full time)

to be filled starting October 1. 2025, for a period of three years.

We are seeking a highly motivated researcher

- with a doctorate in Geochemistry and/or Petrology;
- with expertise in the analytical methods used for *in-situ* geochemical and/or bulk isotope geochemical research;
- showing a good record of publications in peer-reviewed journals and presentations in international conferences;
- able to work well in a team;
- having excellent English language skills, and showing the willingness and ability to communicate in German at the B1 level within three years.

Welcome additional assets would be

- experience in experimental petrology and/or isotope geochemical microanalysis;
- prior undergraduate teaching experience;
- prior experience in supervising undergraduate and postgraduate students.

The position involves teaching petrology and *in-situ* analytical methods at both the Bachelor and Master level (teaching load 4 SWS¹) as well as (scientific) operation and maintenance of the isotope geochemical clean laboratories and the LA-ICPMS facility. Developing and setting up new geochemical procedures to widen the spectrum of the current research at IfGeo towards lithophile isotopic systems (radiogenic and stable) in high- and low-temperature environments may be parts of this role. The candidate will be expected to strengthen their own research profile through SCI publications and to contribute to ongoing research projects through co-supervision of BSc and MSc students.

The Geochemistry/Petrology section at IfGeo carries out research in the fields of petrology, petrophysics, structural geology and geochemistry of the Earth's crust and mantle, and it provides teaching and scientific training in Geosciences for students at the Bachelor / Master / Doctoral levels. Section facilities include a piston cylinder press, a Netzsch differential thermo analyser, several powder diffractometers, a JEOL JXA-8200 electron microprobe (to be upgraded to a new EPMA within the next 2-3 years), a Thermo Scientific ELEMENT XR high-resolution inductively-coupled plasma mass spectrometer (to be coupled with a new ESI imageGEO193 excimer laser ablation system for geochemical microanalysis), two Horiba Scientific Raman spectrometers, and a clean laboratory dedicated to highly siderophile element geochemistry.

What we offer

- Excellent and well-funded working environment that supports innovation and high-quality research
- Opportunities to further develop and enhance your research profile

¹ in accordance with Lehrverpflichtungsverordnung North Rhine-Westphalia

- Support for applications for additional third-party funding for your own research in the fields of petrology/geochemistry
- Pathways for further academic advancement (e.g., habilitation)
- Collaborative, international work environment that fosters cross-disciplinary exchange
- Extensive university sport programs
- Centrally located workplace in Bonn with excellent public transport connections
- Salary according to pay grade A13 BBesO

The position starts on 1 October 2025. It is a fixed-term position for 3 years, extendible to 6 years subject to performance.

Women are given preferential consideration in accordance with the State Equal Opportunities Act (Landesgleichstellungsgesetz) if they have the same qualifications. Severely disabled persons will be given preference if equally qualified.

Applications should be written in English and provided as a single pdf-file that should include: a letter of motivation and the contact details of three referees; a curriculum vitae (3 pages maximum); a publication list, and a brief (2 pages maximum) statement about past and future research and teaching interests. Applications must be received by 21 June 2025 (9am, CEST) and should be sent to Prof. Dr. Georg Zellmer (gzellmer@uni-bonn.de)