

## LUDWIG-MAXIMILIANS-UNIVERSITÄT MÜNCHEN

As one of Europe's leading research universities, Ludwig-Maximilians-Universität (LMU) in Munich is committed to the highest international standards of excellence in research and teaching. Building on its more than 500-year-long tradition, it offers a broad spectrum that covers all areas of knowledge within its 18 Faculties, ranging from the humanities, law, economics and social sciences, to medicine and the natural sciences.

The Faculty of Geosciences invites applications for a

### **Full Professorship (W3) of Mineral Earth and Life Interaction (Chair)**

commencing on 01.04.2024.

The professorship *Mineral Earth and Life Interaction* is intended to further strengthen the Faculty of Geosciences in the field of Earth and Environmental Sciences. Applicants are expected to have innovative and internationally visible research activities focused on the interaction of the mineral world and living organisms, as well as the ability to interface with the environmental sciences.

Relevant research areas should cover the multi-scale structural relationships of biomaterials that contribute to a deeper understanding of the interaction of inorganic and biological processes. Research activities might include the formation of biomineral composites as well as processes that dissolve, convert, and transform minerals. The focus should be predominantly on mineral components. It is desired that applicants employ state-of-the-art structural research methods, such as electron, photon, neutron, or scanning microprobe techniques, atomic diffraction, nanoscale imaging and/or microchemical techniques.

Strong links to the working groups of the Faculty of Geosciences, especially Geobiology and Paleontology, Geophysics, Petrology, Geochemistry and Geology, the Munich GeoCenter and the GeoBio-Center of LMU Munich are desired. The establishment of an internationally competitive, externally funded, research program is expected.

This professorship is associated with the directorship of the Bavarian State Collection of Mineralogy and the Museum "Mineralogia". We are looking for an experienced researcher with excellent management and leadership skills. The applicant is expected to drive the strategic development of the collection, especially with regard to the digital transformation and cooperative partnerships with university partners. Additional requirements are experience in collection-based research and acquisition of competitive funding.

With respect to teaching, the discipline *Mineral Earth and Life Interaction* must be covered in full breadth in the Bachelor's degree program "*Geowissenschaften*" and in the international Master's degree programs "*Geomaterials and Geochemistry*" and "*Geobiology & Paleobiology*", as well as in other study programs based at the Munich GeoCenter. The candidate should complement the offerings of the other professorships in terms of content and methods. The courses are in part jointly offered by LMU Munich and the Technical University of Munich.

The Faculty of Geosciences is located in the center of Munich; there are excellent networking opportunities at the science location Munich. Modern analytical laboratories, large-scale equipment and computer networks are available at the Faculty of Geosciences, at the Munich GeoCenter and at the GeoBio-Center.

Prerequisites for this position are a university degree, a doctoral degree or a comparable specific qualification, teaching skills at university level, excellent academic achievements and a productive and promising research program.

LMU Munich makes a point of providing newly appointed professors with various types of support, such as welcoming services and assistance for dual career couples.

LMU Munich is an equal opportunity employer. The University continues to be very successful in increasing the number of female faculty members and strongly encourages applications from female candidates. LMU Munich intends to enhance the diversity of its faculty members. Furthermore, disabled candidates with essentially equal qualifications will be given preference.

Please submit your application comprising a curriculum vitae, documentation of academic degrees and certificates as well as a list of publications in electronic form as a single PDF file (<10MB) via <https://www.efv.verwaltung.uni-muenchen.de/bvgeo> to the Dean of the Faculty of Geosciences, Luisenstr. 37, 80333 München Germany, no later than **15.10.2022**.