

NEWS FROM DVGEO

Prof. Dr. Frank R. Schilling new President of the Umbrella Organisation of Geosciences (DVGeo) in Germany

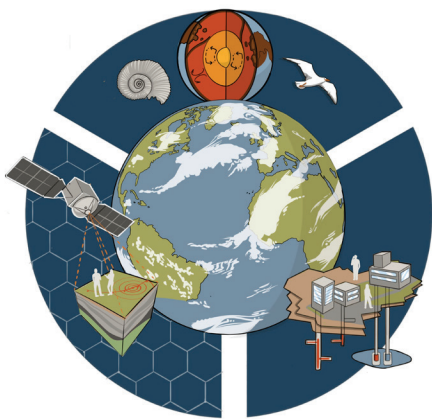
Prof. Dr. Frank Schilling, geoscientist and Chairman of the German Mineralogical Society (DMG), was elected as the new President of the DVGeo by the General Assembly. He takes over this office from Prof. Dr. Alexander Nützel (palaeontologist), who has headed the association since 2023. During this time, the umbrella organisation has held highly regarded information events and further developed its activities on the topics of 'Geosciences in Schools', 'Young Geoscientists' and 'GeoCollaborative Projects', as well as supporting the Conference of Geosciences Departments. Further partners were accepted as associate members.



Alexander Nützel (RIGHT) hands over the DVGeo steering wheel to new DVGeo President Frank Schilling. PHOTO: DVGEO.

Future prospects for the geosciences: DVGeo presents White paper

The DVGeo has published a White paper with a vision for the future of geoscientific research. The interdisciplinary collaborative projects outlined are intended to provide solutions to the pressing challenges of our time and fundamental scientific findings.



The White paper describes how the geosciences can use innovative methods to contribute to solving current scientific and social challenges. Examples of 'solid Earth' research topics are presented in three thematic blocks: 1) development of a living planet, 2) diagnosis and simulation of the Earth system, and 3) provision of solutions. The preservation of biodiversity, the reduction of greenhouse gas emissions, and a secure supply of energy and raw materials all require an in-depth understanding of geosciences. The White paper can be read at <https://doi.org/10.23689/figeo-6525>.

Tamara Fahry-Seelig (Berlin)

DMG SECTION MEETING 2025

Petrology/Petrophysics & Geochemistry

The joint annual meeting of the DMG Sections Geochemistry and Petrology/Petrophysics will take place from June 6 to 7, 2025 at the GFZ Helmholtz Centre for Geosciences in Potsdam. The event offers the opportunity to present exciting current research activities from the sections and to discuss them in an interdisciplinary scientific manner. In particular, young scientists (PhD students, postdocs, and master students) are invited to present their current projects and previous research results. We welcome contributions from all areas of petrology and geochemistry and look forward to a fruitful scientific and personal exchange: <https://events.gfz.de/section-meeting-of-the-dmg-geochemistry-petrology>.

Venue

The meeting will take place on the Telegrafenberg of the GFZ Helmholtz Center for Geosciences in Potsdam in lecture room 1-3, house H (site plan GFZ).

Schedule

Friday: Start 14:00h with presentations, poster session from approx. 16:30h followed by BBQ. Saturday: Start 9:00h lectures, end around 17:00h with awards for the best posters and lectures. Interested parties have the opportunity to take part in a guided tour of the laboratory.

Costs

In order to cover the meals, a contribution towards expenses of 40€ in CASH will be charged at the time of registration on site. As always, external DMG student members can apply for a travel allowance up to 100€.

Registration and Abstract

Please sign up for your attendance **until May 5th 2025**, by using the registration form at <https://events.gfz-potsdam.de/section-meeting-of-the-dmg-geochemistry-petrology#c879>. It is not necessary to upload an abstract. Onsite registration is available on Friday, June 6, 2025 from 12:30h in House H/Foyer.

We hope to welcome many participants in Potsdam and look forward to an exciting section meeting!

Hella Wittmann-Oelze, Max Wilke, Audrey Bouvier, and Esther Schwarzenbach (DMG Sections Petrology/Petrophysics & Geochemistry)

19th FREIBERG SHORT COURSE IN ECONOMIC GEOLOGY: CRITICAL RAW MATERIALS – A GLOBAL PERSPECTIVE

The 19th Freiberg Short Course in Economic Geology took place from December 9 to 13, 2024 at the Helmholtz Institute Freiberg for Resource Technology. The lecturers Prof. Judith Kinnaird and Prof. Paul Nex, both from the University of the Witwatersrand in Johannesburg, South Africa, took the almost 80 participants on a journey deep into the world of critical raw materials. The course initially focused on the geology, geochemistry, and genesis of the (ore) deposits from which metals such as copper, indium, and bismuth are extracted. Both lecturers were able to draw on their rich portfolio of research topics, which includes many of the coveted critical raw materials. This enabled the speakers to present the geological resource potential—as well as its limitations—using very specific examples. In addition to this geoscientific content, the social and geostrategic background, which led to the definition of the groups of critical and strategic raw materials, was

also highlighted. Measures that could be taken to establish a resilient supply of raw materials were clearly pointed out. Both speakers specifically adopted to a European perspective. On some afternoons, the relevant topics were explored to greater depth in interactive groups and discussions. These included 'Net Zero' issues, 'CRM in the news', and a debate on the pros and cons of different ways of generating energy, such as the use of fossil hydrocarbons, nuclear energy, and, of course, the various renewable energy sources. The lunch breaks offered the opportunity to visit the Freiberg Christmas market. The program was complemented on Wednesday with a guided tour of 'Terra Mineralia,' one of the largest mineral exhibitions in the world. On the same evening, the SEG (Society of Economic Geology) student chapter of the TU Bergakademie Freiberg invited the course participants to their Christmas party, including a highly entertaining Geology Pub Quiz.

The majority of the participants were students. In addition to participants from German universities, research institutions and industry, 20 international participants from Austria, Brazil, Chile, the Czech Republic, Ireland, Morocco, the Netherlands, Norway, and Poland travelled to Freiberg. A significant number of the external students were able to receive financial support for their participation in the short course. We would like to thank the German Mineralogical Society (DMG) and the Society of Geology Applied to Mineral Deposits (SGA) for their generous financial support for the students.

The 19th Short Course was the first since the beginning of the COVID-19 pandemic in 2020 to be held again in the format of a week-long course with a large number of participants. The interest the course generated and the consistently positive response we have received are motivation for us to offer another course in December 2025. This will then be the 20th Freiberg Short Course in Economic Geology—an anniversary that we will mark with a particularly attractive program. Stay tuned!

Sandra Birtel & Jens Gutzmer (Freiberg)

DMG SHORT COURSES IN SUMMER/FALL 2025

DMG will support several short courses in Summer/Fall 2025. All courses will be aimed primarily at advanced-level undergraduate and graduate students but, as always, are open to more senior researchers as well. Nonlocal student members of DMG will be eligible for travel support to the amount of 100 €. Further information can be found at <https://www.dmg-home.org/aktuelles/doktorandenkurse/>. Please mark your calendars:



Critical Raw Materials short course participants and lecturers. PHOTO: HIF FREIBERG.

(7-25) **Solid State NMR-Spectroscopy**, Institute for Geology, Mineralogy and Geophysics, Ruhr University Bochum, Michael Fechtelkord, 10–13 June 2025, michael.fechteltkord@rub.de, www.ruhr-uni-bochum.de/dgk-ak12/workshops/dmgshortcourse

(3-25) **Introduction to Secondary Ion Mass Spectrometry in the Earth Sciences**, GFZ Helmholtz Centre for Geosciences, Michael Wiedenbeck, 1–5 September 2025, michael.wiedenbeck@gfz-potsdam.de, <https://sims.gfz-potsdam.de/short-course/>

(8-25) **SPA Short Course on Sedimentary Provenance Analysis**, 8–12 September 2025, Department of Sedimentology & Environmental Geology, Geoscience Center, University of Göttingen, Hilmar von Eynatten, István Dunkl, Keno Lünsdorf, www.sediment.uni-goettingen.de/spa2025/

(9-25) **In situ Analysis of Isotopes and Trace Elements by Femtosecond Laser Ablation ICP-MS**, Institute for Mineralogy, Leibniz University Hannover, Ingo Horn, Marina Lazarov, Martin Oeser, Stefan Weyer, 6–20 October 2025, s.weyer@mineralogie.uni-hannover.de, https://www.dmg-home.org/fileadmin/user_upload/description_DMG-Laser-shortcourse-2025.pdf

(10-25) **Application of Diffusion Studies to the Determination of Timescales in Geochemistry and Petrology**, Institute for Geology, Mineralogy and Geophysics, Ruhr University Bochum, Sumit Chakraborty, tba October 2025, sumit.chakraborty@rub.de

ANNUAL DMG MEETING 2025 – DMG YOUNG SCIENTIST AWARD

At the annual meeting of the German Mineralogical Society (DMG) the **Young Scientist Award** is given for the best oral and poster presentations by a student. Student DMG members may apply when submitting an abstract for the 103rd annual DMG meeting in 2025, which is enclosed in the Geo4Göttingen Conference 2025 (www.geo4goettingen2025.de). The application form can be downloaded from https://www.dmg-home.org/fileadmin/user_upload/Form-Nachwuchspreis_v2025.pdf.

Geo4Göttingen 2025
GEO4CHANGE
 Earth, Life, Climate, Resources, Materials
 14. - 18. September 2025
 Georg-August-Universität Göttingen | www.geo4goettingen2025.de

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