

Geo4Göttingen 2025 **GEO4CHANGE**



Earth, Life, Climate, Resources, Materials

14. – 18. September 2025

Georg-August-Universität Göttingen

<https://geo4goettingen2025.de>

PROGRAMME

Photo: Shutterstock on pixabay.com

Contents

Welcome, Committees, Involved ..	3
General information	4
WLAN	4
Opening hours	4
Coffee & lunch	4
Detailed programme	4
Exhibitors & Sponsors	4
Plenaries & Awards	5
MV, Sondersitzg., Workshops	6
Conference Dinner	8
Special Events	9
Programme at a glance	10
Parent-Child Room	14
City map	15
Sitemap & floorplan	16

Talks & posters

■ INSTRUCTIONS FOR ORAL PRESENTATIONS

Duration of oral presentations: 15 min. (incl. appr. 3 min. for discussion).

All conference rooms are equipped with a computer (Windows 11) and a projector.

Please bring your presentation files saved on USB-Stick to the conference, please **DO NOT** bring your own notebook.

We suggest PowerPoint 16:9 (preferred; please provide in addition a PDF just to be sure).

Upload the presentation to the computer of your session room in the break **latest 30 min before your session starts**. A helper will assist you to upload your slides.

Imprint

Programme brochure of the annual meeting of the German Geological Society (DGGV), the German Society for Geomorphology (DGGM), the German Mineralogical Society (DMG), and the Paläontologische Gesellschaft (PalGes) "Geo4Göttingen 2025" |

14 – 18 September 2025

Georg-August-Universität Göttingen, Germany

Photo credits: Skitterphoto on *pixabay.com*, Göttingen University, O. Uhlmann

Layout and typesetting: F&U confirm GbR, Leipzig

Print: WIRmachenDRUCK GmbH, Backnang

Göttingen, September 2025

■ INSTRUCTIONS FOR POSTER PRESENTATIONS

Location of poster exhibition: 1st floor

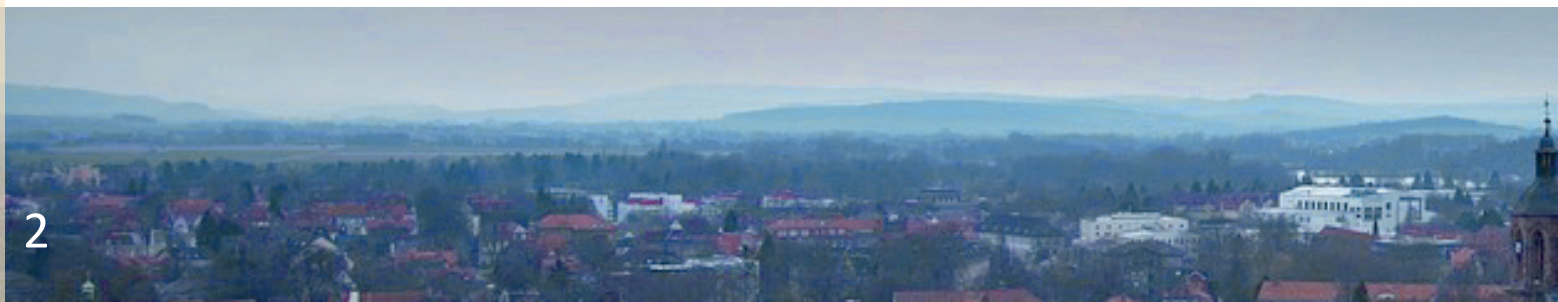
Each poster should be the size of the portrait German DIN A0-format which equates to 841 mm width x 1,189 mm height (33.11 in x 46.81 in).

Please note that the organizers are not able to provide printout of posters.

Poster sessions are scheduled Monday and Wednesday.

POSTER AWARDS

Three best posters of (PhD) students will be selected by a jury and awarded. The selected posters will be awarded during the Closing Session on Thursday, 18 September.



Dear colleagues,

■ We are excited to welcome you to Geo4Göttingen 2025, a unique joint conference hosted by the University of Göttingen on 14 – 18 September 2025 in collaboration with four leading scientific societies: the German Geological Society (DGGV), the German Society for Geomorphology (DGGM), the German Mineralogical Society (DMG), and the Paläontologische Gesellschaft (PalGes). This group of four mirrors the composition of Göttingen's Faculty for Geoscience and Geography but does not limit the scope of the meeting. We are organizing the conference in close cooperation with the Umbrella Organization of Geosciences in Germany (DVGeo) and aim for the event to cover a wide range of topics, from outer space to crystal lattices and from deep time to femtoseconds. Under the theme Geo4Change – Earth, Life, Climate, Resources, Materials – this conference will highlight some of the most pressing challenges of our time and discuss interdisciplinary solutions.

From the dynamic changes shaping our planet to the critical resources that sustain life, we are at a pivotal moment where science must rise to meet global environmental, societal, and technological demands. This year's event is designed to foster collaboration across geosciences, emphasizing innovative approaches to the complex problems we face – whether they relate to climate change, sustainable and innovative use of materials, or the future of Earth's ecosystems.

Look forward with us to inspiring discussions, cutting-edge research presentations, and the opportunity to contribute to shaping a better future through geoscience.

Cordially,

Jonas Kley & the Geo4Göttingen 2025 organizers

Committees

■ SCIENTIFIC COMMITTEE

Magret C. Fuchs HZDR HIF Freiberg
Nico Goldscheider Karlsruhe Institute of Technology KIT
Klaus-Dieter Grevel Univ. of Cologne, Friedrich Schiller Univ. Jena
Bastian Grimm Justus Liebig University Giessen
Sylke Hlawatsch DGGV, Geodidactics Section
Marie K. Hörnig University of Greifswald
Bastian Joachim-Mrosko University of Innsbruck
Laura Krone Freie Universität Berlin, Young DGGV
Frank Lehmkuhl RWTH Aachen University
Horst Marschall Goethe University Frankfurt a. M.
Inga Moeck LIAG Institute for Applied Geophysics, Hannover
Lisa Rehn University of Freiburg
Mike Reich Staatliches Naturhistorisches Museum Braunschweig
Frank Schilling Karlsruhe Institute of Technology KIT
Robert Schöner Landesamt f. Bergbau, Energie und Geologie Niedersachsen
Michaela Spiske University of Basel
Michael Stipp Martin Luther University Halle-Wittenberg
Fiene Stoepke GEOMAR, Young DGGV
Fritz Stoepke Leibniz University Hannover, PalGes junior research group

Stefanie Tofelde Freie Universität Berlin

Georg Veh University of Potsdam

Daniel Vollprecht University of Augsburg

Gabriela von Goerne Federal Institute for Geosciences and Natural Resources (BGR) Hannover

■ ORGANIZING COMMITTEE

of University of Göttingen

Jonas Kley

Mandy Brödner technical coordinator

Elisabeth Dietze

Michael Dietze

Jan-Peter Duda

Vanessa Fichtner

Alexander Gehler

Thomas Müller

Andreas Pack

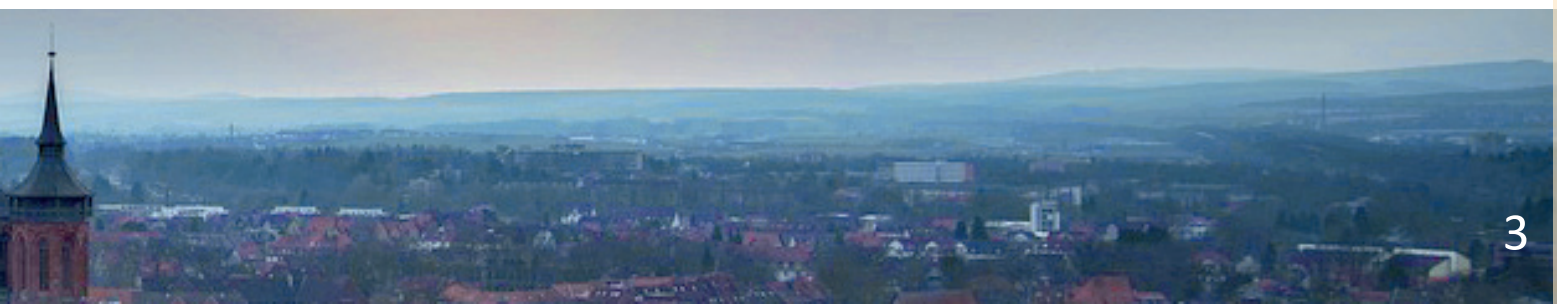
Manuel Reinhardt

Alexander Schmidt

Hilmar von Eynatten



Involved | Beteiligte:



General information

■ WLAN

Please use eduroam. In case that you don't have eduroam access, please visit the check-in counter for your individual access (you will have to sign for it).

■ CONFERENCE OFFICE / CHECK-IN | REGISTRATION: OPENING HOURS & CONTACT

Phone ++ 49 (0)176-200 74 216 E-mail geo4goettingen2025@fu-confirm.de

Monday: 7:30 am – 5:00 pm

Tuesday & Wednesday: 8:00 am – 4:15 pm

Thursday: 8:00 am – 2:30 pm

■ COFFEE AND LUNCH BREAKS

The catering is served in the foyers. The coffee breaks are included in the conference fee but not the lunch. Please visit the nearby canteen and cafés during the lunch break.

■ HOW DO I GET TO THE DETAILED PROGRAMME AND THE ABSTRACTS?

Please scan this qr code



or

- go on our Conference website <https://geo4goettingen2025.de>
- click on the menu item "Program",
- press the red "Conference Program" button.

Click on the session you are interested in. Now the lectures appear with their timeslots.

If you go now to "Show Abstracts" in the menu at the top, you will see the abstracts.

You can enter any term, any author in a search window at the top right and find everything listed.

A big thank you to our exhibitors and sponsors

GOLD



SILVER



BRONZE



Plenaries

■ MONDAY, 15 SEPTEMBER 2025, 1:45 – 2:30 PM | ZHG 011

Night Science: the creative side of the scientific process

Martin Lercher | Heinrich Heine University Düsseldorf

■ TUESDAY, 16 SEPTEMBER 2025, 1:00 – 1:45 PM | ZHG 011

AG Verbundprojekte des DVGeo (in German language; s. auch Workshop am Mi., 8:30 Uhr, ZHG 003)

»Zukunftsforschung in den Geowissenschaften: wie weiter? Eine interaktive Diskussion« (bitte Handy bereithalten)

Friedhelm von Blanckenburg | FU Berlin

■ WEDNESDAY, 17 SEPTEMBER 2025, 1:00 – 1:45 PM | ZHG 011

Earth-Evolution at the Dry Limit – new insights from a geo-bio collaborative research project

Tony Reimann¹, Christine Heim², Dietmar Quandt³, Tibor J. Dunai², Martin Melles², Benedikt Ritter²

¹Institute of Geography, University of Cologne, Germany; ²Institute of Geology & Mineralogy, University of Cologne, Germany;

³Bonn Institute of Organismic Biology (BIOB), University of Bonn, Germany

■ THURSDAY, 18 SEPTEMBER 2025, 10:30 – 11:15 AM | ZHG 011

Living Minerals: How Microalgae Build Carbonates and Adapt to a Changing Environment

Anne Jantschke | Johannes Gutenberg University Mainz

Awards

■ TUESDAY, 16 SEPTEMBER 2025, 1:45 – 2:15 PM | ZHG 011

PalGes: Joachim Reitner, Univ. Göttingen (Ehrenmitgliedschaft);

DMG: Gerhard Franz, TU Berlin (Ehrenmitgliedschaft);

DGGV: Thomas Hofmann, GeoSphere Austria (Serge-von-Bubnoff-Medaille);

DMG: Andreas Mulch, Senckenberg Frankfurt (Abraham-Gottlob-Werner-Medaille);

DGGV: Michael Weber, Univ. Bonn (Eugen-Seibold-Medaille);

DMG: Daniel Goldmann, TU Clausthal (Georg-Agricola-Medaille);

DGGM: to be announced (Dissertationspreis);

DFG: Katharina Seeger, Univ. Köln & Taina Marcos Lima Pinho, AWI Bremerhaven (Bernd Rendel-Preise Geowiss. 2025).

■ WEDNESDAY, 17 SEPTEMBER 2025, 1:45 – 2:15 PM | ZHG 011

DMG: Friedhelm von Blanckenburg, FU Berlin (Doris-Schachner-Medaille);

DGGV: Adrian Pfiffner, University of Bern (Leopold-von-Buch-Medaille);

DMG: Iris Arndt, Uni Frankfurt & Patricia Marks, Uni Tübingen & Carina Hanser, JGU Mainz (Beate-Mocek-Preis);

PalGes: Mark E. Patzowsky, Pennsylvania, USA (Corresponding Honorary Membership);

DGGV: Benjamin Busch, KIT Karlsruhe (Hermann-Credner-Preis);

DMG: Max Hellers, Uni Köln & Aleksandr Rakipov, Uni Frankfurt (Nachwuchspreis 2024).

■ THURSDAY, 18 SEPTEMBER 2025, 11:15 – 11:45 AM | ZHG 011

DGGV: Alexander (Sandy) Cruden, Australia (Gustav-Steinmann-Medaille);

PalGes: Hendrik Klein (Zittel-Medaille);

DMG: Timo Hopp, MPI Göttingen & Martin Kutzschbach, Uni Frankfurt (Goldschmidt-Preise 2024 & 2025);

DGGV: Leandra Weydt, TU Darmstadt (Hans-Cloos-Preis);

PalGes: Tilly Edinger Award

■ THURSDAY, 18 SEPTEMBER 2025, 2:15 PM | ZHG 011

Closing with Poster and Young Scientist Awards

Mitgliederversammlungen General meetings

- **DMG:** Montag, 15. September 2025 • 17:30 – 19:00 Uhr • ZHG 105 OG
- **PalGes:** Montag, 15. September 2025 • 17:30 – 19:00 Uhr • ZHG 004
- **DGGM:** Dienstag, 16. September 2025 • 16:30 – 17:30 Uhr • ZHG 001
- **DGGV:** Dienstag, 16. September 2025 • 16:30 – 17:30 Uhr • ZHG 105 OG

Sondersitzungen Special meetings

- **Treffen des AK Schule und Hochschule der DMG:** Dienstag, 16. September 2025 • 14:00 – 14:30 Uhr • Raum ZHG 001
- **Sitzung der Konferenz der Fachbereiche Geowissenschaften (KFGeo):** Mittwoch, 17. September 2025 • 10:30 – 12:00 Uhr • Raum ZHG 003

Workshops

- **Open Educational Resources (OER) in Geosciences: From Basics to Practice (in German language)**

Dienstag, 16. September 2025 • 14:45 – 16:15 Uhr • Oec 0.169 Nebengebäude

Chairs: Elisabeth Dietze, University Göttingen & Nancy Walter, Universität Potsdam

This interactive workshop introduces Open Educational Resources (OER) with a focus on practical application in geosciences and geography education. Hosted by Dr. des. Nancy Walter (University of Potsdam, Co-WOERK) and Dr. David Stöllger (twillo), the session brings together two OER initiatives: Co-WOERK, which builds cross-institutional communities for OER, and twillo, the official OER platform of Lower Saxony offering legal, technical, and didactic support.

Participants will receive a brief introduction to the principles of OER (including licensing) and will then be guided through the twillo publishing workflow — from preparing materials to making them openly accessible. To benefit fully, participants are encouraged to bring teaching materials they are interested in sharing.

The session concludes with a discussion on how to foster a Community of Practice within the geosciences, strengthening collaboration and visibility for open teaching.

- **Möglichkeiten für Verbundprojekte in Deutschland: Strategische Aufstellung, Antragstellung, Leitung (in German language)**

Mittwoch, 17. September 2025 • 8:30 – 10:00 Uhr • ZHG 003

Chair: Friedhelm von Blanckenburg, FU Berlin

Bitte anmelden bis Dienstag, 16. September bei info@DVGeo.org

Zu dem Workshop sind Wissenschaftler und Wissenschaftlerinnen eingeladen, die planen, in der Zukunft ein koordiniertes Projekt von deutschen Zuwendungsgebern (Forschungsgruppe, Graduiertenkolleg, Schwerpunktprogramm, Sonderforschungsbereich, Exzellenzcluster, BMFTR-Verbundvorhaben) einzuwerben. Erfahrene Kollegen berichten, wie wir uns dafür erfolgversprechend aufstellen können.

Der Workshop wird von der "AG Verbundprojekte" des DVGeo abgehalten und soll zeigen, wie wir die im White Paper "Zukunftsforschung in den Geowissenschaften" vorgestellten Ideen in der Praxis in große Vorhaben umsetzen können.

Sprecher:

- Friedhelm von Blanckenburg | FU Berlin, AG Verbundprojekte: **Geowissenschaftliche Verbundprojekte in Deutschland – eine Analyse**
- Tobias W. Höfig | Projektträger Jülich: **Fördermöglichkeiten für Verbundprojekte beim Bundesministerium für Forschung, Technologie und Raumfahrt**
- Harry Becker | FU Berlin: **Vorbereitung und Leitung eines DFG Sonderforschungsbereiches – Chancen und Herausforderungen**
- Olaf A. Cirpka | Universität Tübingen, EXC 3121 TERRA: **Der steinige Weg zu einem Exzellenzcluster**

■ Why not consider adding a bit of research to your teaching?

Thursday, 18 September 2025 • 8:30 – 10:00 am • Oec 0.169 Nebengebäude

Chairs: Sylke Hlawatsch, Richard-Hallmann Schule & Sharon Michelle Locke, Southern Illinois University Edwardsville

Interested in the workshop? Email: kontakt@sylke-hlawatsch.de

This workshop will introduce participants to existing validated instruments that can essentially be used “off-the-shelf” to examine student learning and other factors such as science interest and identity.

The target audience for this workshop is any instructor seeking to begin research in their geoscience course. Participants may be experienced researchers in other aspects of the geosciences, school teachers and geoscientists working in outreach who have previously given little thought to education research.

Conducting research in your geoscience course can help enhance student learning and performance and to identify effective teaching resources that can be shared with the community. This workshop will focus on common types / existing inventories of quantitative geoscience education research and describe analytical methods suitable for it. We anticipate that participants teaching similar courses or at similar types of institutions may find value in working collaboratively.

Goals: As a result of participation in the workshop, participants will be able to outline some basic steps to investigate a geoscience education research question in one of their classes and understand how to analyze their research findings.

Part 2, from 12:30 to 14:00 h, will give you the chance to plan your own geoscience education research project and share tools and resources.

■ Building Bridges – Erfahrungen aus der geowissenschaftlichen Praxis für den Karriereweg (in German language)

Dienstag, 16. September 2025 • 14:45 – 16:15 Uhr • ZHG 104 OG

Chairs: Christian Kiesel, Berufsverband Deutscher Geowissenschaftler e.V. & Andreas Günther-Plönes, BDG Berufsverband Deutscher Geowissenschaftler e. V.

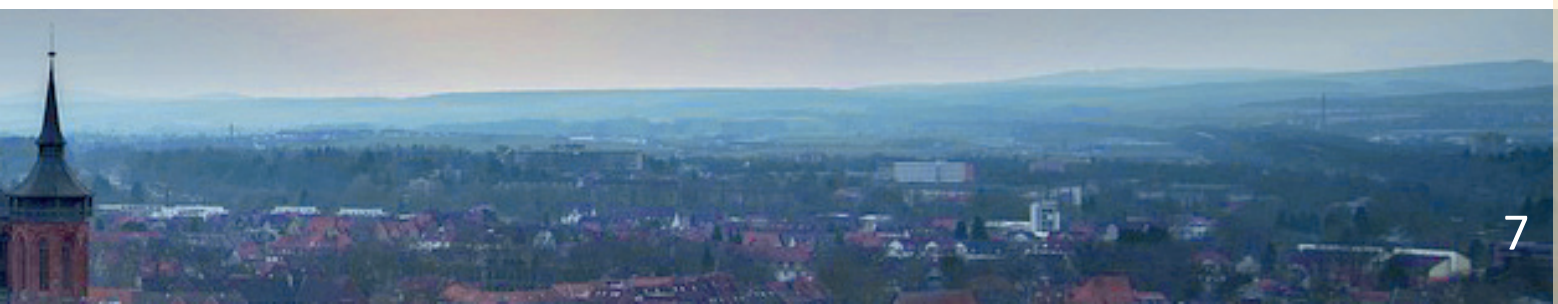
Diese Session bietet Absolventinnen und Absolventen des Studiengangs Geowissenschaften eine einzigartige Gelegenheit, den Übergang von der akademischen Ausbildung in die Berufswelt erfolgreich zu gestalten. Unter dem Motto „Building Bridges“ berichten berufstätige Geowissenschaftlerinnen und Geowissenschaftler aus verschiedenen Fachrichtungen und Branchen aus ihrem Berufsalltag.

Die Teilnehmenden erhalten wertvolle Einblicke in die Praxis, die Bandbreite geowissenschaftlicher Berufsfelder und die Herausforderungen, die mit einem Berufseinstieg verbunden sind. Die Vortragenden teilen ihre persönlichen Erfahrungen, geben Tipps zu Bewerbungsstrategien und Karriereplanung und zeigen Wege auf, wie man sich im Wettbewerb um begehrte Stellen erfolgreich positioniert.

Die Session fördert nicht nur den Wissenstransfer, sondern bietet auch zahlreiche Möglichkeiten zum Netzwerken. Teilnehmende können individuelle Fragen stellen und aus erster Hand erfahren, wie sie ihre Kompetenzen und ihr Studium optimal auf dem Arbeitsmarkt einsetzen können.

Ob in der Forschung, in der Rohstoffindustrie, im Umweltsektor, in der Geothermie oder in der Kampfmittelräumung – die Veranstaltung hilft, Klarheit über die eigenen beruflichen Ziele zu gewinnen und neue Perspektiven zu entwickeln.

Die Session wird vom Berufsverband Deutscher Geowissenschaftler organisiert und richtet sich sowohl an Studierende kurz vor ihrem Abschluss als auch an Absolventen, die ihre Karriere starten möchten. Gemeinsam bauen wir Brücken zwischen Theorie und Praxis, Studium und Beruf – für einen erfolgreichen Start in die geowissenschaftliche Arbeitswelt.



Conference Dinner

■ WEDNESDAY, 17 SEPTEMBER 2025 | 19:00 PM – 1:00 AM | € 58 INCL. DRINKS

How to get there – directions



WHERE?

Max Planck Institute for Solar System Research |
Max-Planck-Institut für Sonnensystemforschung
Justus-von-Liebig-Weg 3, 37077 Göttingen
<https://www.mps.mpg.de/en>

HOW TO GET THERE?

Bus lines 21 / 22 towards Nikolausberg, bus stop “Kellnerweg” (~ 100 m to MPS);
Bus line 23 towards Faßberg, bus stop “Kellnerweg” (~ 100 m to MPS) – see also directions
on your ticket

SEQUENCE

- Admission: 7:00 pm
- Buffet opening: 7:30 pm
- End: 1:00 am



Theater in German language

■ MONTAG, 15. SEPT. 2025, 19:45 UHR | DEUTSCHES THEATER GÖTTINGEN

THEATERSTÜCK »ANFANG UND ENDE DES ANTHROPOZÄNS« –
»GEOWISSENSCHAFT TRIFFT GÖTTINGEN«

19:00 Uhr Einlass, 19:45 Uhr Beginn der Vorstellung | 20,00 € pro Person

Anschrift: Theaterplatz 11, 37073 Göttingen

Kartenverkauf ausschließlich hier: <https://dt-goettingen.eventim-inhouse.de/webshop>

Tickets



Infos zum Theaterstück



Early Career Pubquiz – Social Networking Event

■ MONDAY, 15 SEPTEMBER 2025, 7:00 PM | OEC 0.619

Do you want to challenge yourself and your peers at the Geo4Göttingen conference?

Do you want to show that you are the most knowledgeable in a very specific field, or just have a fun evening?

The questions will cover most fields in geosciences and beyond! You can join the pub-quiz with your team or find your team at the event itself. Afterwards we will be having a relaxed evening at the bar.

Öffentliche Podiumsdiskussion Grünes Wachstum – die Wirtschaft der Zukunft oder Illusion? in German language

■ DIENSTAG, 16. SEPTEMBER 2025, 19:30 – 22:00 UHR | AULA DER UNIVERSITÄT GÖTTINGEN

Einlass ab 19:00 Uhr, 19:30 Uhr – Begrüßung und Vorstellung der Diskutierenden durch Moderator Frank Schilling | Karlsruhe Institute of Technology / Dachverband Geowissenschaften;

DISKUTIERENDE

- Britta Bookhagen | Deutsche Rohstoffagentur
- Max Frenzel | King Abdullah University of Science and Technology
- Gabriela von Goerne | Bundesanstalt für Geowissenschaften und Rohstoffe
- Ulrike Herrmann | Journalistin und Autorin

Öffentliche Podiumsdiskussion mit der Möglichkeit für Publikumsfragen.

FORTBILDUNGSTAG FÜR LEHRKRÄFTE

in German language

■ MITTWOCH, 17. SEPTEMBER 2025, 8:00 – 16:00 UHR | OEC 0.169

WORKSHOP SYSTEM ERDE

Geographie | Naturwissenschaften | Sekundarstufe

Informationen | Anmeldung: Niedersächsisches LernCenter

Kurzlink: nlc.info (Nr. KGÖ.NLF25.38.01)

Anmeldung



MONDAY, 15 SEPTEMBER 2025								
7:30am	Registration Location: ZHG - Foyer							
8:00am	Wardrobe Location: ZHG 008			Childcare Location: Oec 1.165 Nebengebäude https://www.geo4goettingen2025.de/childcare.html			Parent-Child Room Location: MZG/Blauer Turm 3.127 More information here.	
8:30am - 10:00am	06.01 Data Management, Research Data Infrastructures, AI-Applications and 3D Visualization Techniques: Meeting Today's and Future Needs in Geosciences Location: ZHG 001	04.03 Understanding Metal Enrichment Processes – Advances in the Genesis, Evolution, and Geodynamics of Ore Deposits Location: ZHG 002	01.07 +01.16 Stratigraphy in Earth System Science: methods, applications and case studies Location: ZHG 004	01.29 +03.07 Environmental Risks Location: ZHG 005	10.01 Open Paleontology Session Location: ZHG 006	01.06 Tectonic Systems - TSK Open Session Location: ZHG 007	01.01 Multidisciplinary perspectives on solar system formation and evolution Location: ZHG 104 OG	- Location: Oec 0.169 Nebengebäude
10:00am - 10:30am	Coffee Break and Exhibition Location: ZHG - Foyer							
10:30am - 12:00pm	06.01-b Data Management, Research Data Infrastructures, AI-Applications and 3D Visualization Techniques: Meeting Today's and Future Needs in Geosciences Location: ZHG 001	04.01 +04.02 Prospection and extraction of critical and strategic raw materials in Europe + Lithium Rescources Location: ZHG 002	- Location: ZHG 004	01.04 Latest Achievements in Scientific Ocean and Continental Drilling Location: ZHG 005	10.01 Open Paleontology Session Location: ZHG 006	01.06 Tectonic Systems - TSK Open Session Location: ZHG 007	01.05 From mantle to crust: following melt and fluid evolution from source through the lithosphere Location: ZHG 104 OG	- Location: Oec 0.169 Nebengebäude
12:00pm - 1:00pm	Lunch Break and Exhibition Café Campus: Monday – Thursday: 8:00 – 17:00 h, Friday: 8:00 – 16:00 h Café Central: Monday – Thursday: 9:00 – 16:30 h, Friday: 9:00 – 15:00 h Central canteen Please note: Only card payments are accepted in the ZHG canteen! Monday – Thursday: 11:30 – 18:00 h Friday: 11:30 – 14:30 h Saturday: 11:45 – 14:30 h							
1:00pm - 1:45pm	Opening Ceremony Location: ZHG 011 Plenum Greetings from Lord Mayor of Göttingen Petra Broistedt; Hilmar von Eynatten with a brief overview of the Faculty and the Geoscience Center Göttingen <i>Greetings from the 4 presidents of the participating societies:</i> Prof. Dr. Ralph Watzel (DGGV – Deutsche Geologische Gesellschaft – Geologische Vereinigung) Prof. Dr. Oliver Sass (DGGM – Deutsche Gesellschaft für Geomorphologie) Prof. Dr. Frank Schilling (DMG – Deutsche Mineralogische Gesellschaft) Prof. Dr. Alexander Nützel (PalGes – Paläontologische Gesellschaft)							
1:45pm - 2:30pm	Plenary Lecture: Martin Lercher (Düsseldorf) Night Science: the creative side of the scientific process Location: ZHG 011 Plenum							
2:30pm - 3:00pm	Coffee Break and Exhibition Location: ZHG - Foyer							
3:00pm - 4:30pm	01.25 Geochemical Databases and Data Analysis Tools Location: ZHG 001	04.01 +04.02 Prospection and extraction of critical and strategic raw materials in Europe + Lithium Rescource Location: ZHG 002	09.02 Museen als Fenster in der Forschung Location: ZHG 003	07.01 From paleoseismic trenches to seismic building codes and safety analyses for nuclear installations in Germany: progress in seismic hazard assessment Location: ZHG 004	01.14 „Geomorphology and sedimentology beyond boundaries“ – towards integrating geomorphology and sedimentary system science Location: ZHG 005	01.10 The co-evolution of the Earth and life from the early Archean until today Location: ZHG 006	01.06 Tectonic Systems - TSK Open Session Location: ZHG 007	01.05 From mantle to crust: following melt and fluid evolution from source through the lithosphere Location: ZHG 104 OG
4:30pm - 5:30pm	Poster Social and Exhibition Location: ZHG Foyer 1 st floor – 01.01 • 01.04 • 01.05 • 01.06 • 01.07 • 01.08 • 01.10 • 01.14 • 01.17 • 01.21 • 01.26 • 01.28 • 01.29 • 02.01 • 03.02 • 03.05 • 03.07 • 03.08 • 04.02 • 04.03 • 04.05 • 05.04 • 06.01 • 07.01 • 09.02 • 09.03. • 10.01							
5:30pm - 7:00pm	PalGes Mitgliederversammlung Location: ZHG 004				DMG Mitgliederversammlung Location: ZHG 105 OG			
6:00pm - 7:00pm	IJES Editor's Meeting Location: ZHG 005							
7:00pm	Theateraufführung "Anfang und Ende des Anthropozäns" (Komödie) Location: Deutsches Theater Göttingen				Geoscience Pubquiz > Young GEOs / Nachwuchs ECR Location: Oec 0.169 Nebengebäude			

TUESDAY, 16 SEPTEMBER 2025									
8:00am	Registration Location: ZHG - Foyer		Wardrobe Location: ZHG 008		Childcare Location: Oec 1.165 Nebengebäude		Parent-Child Room Location: MZG/Blauer Turm 3.127		
8:30am - 10:00am	01.21 Advances in Geochronology: from tradition to avant-garde Location: ZHG 001	04.05 Applied and Technical Mineralogy: promoting sustainable solutions through deeper understanding of materials and material processing Location: ZHG 002	03.05 +03.08 Climate Location: ZHG 003	01.28 Geosciences for the safe disposal of radioactive waste– long-term safety, host rock characterisation and analogue studies Location: ZHG 004	01.08 Applications and Advancements in Sedimentary Provenance Analysis Location: ZHG 005	02.01 The Tethys Ocean – the cradle of modern tropical life Location: ZHG 006	01.03 Chaotic rocks - characteristics, formation and geodynamic significance Location: ZHG 007	01.17 Understanding Magmatic Systems: From Mush to Magma and Beyond Location: ZHG 104 OG	09.03 What Do We Know About Learning and Teaching Geosciences? – Geoscience Education Research and Outreach Location: Oec 0.169 Nebengebäude
10:00am - 10:30am	Coffee Break and Exhibition Location: ZHG - Foyer								
10:30am - 12:00pm	05.04 & 06.05 Biogeochemistry, geomicrobiology, and biomineralogy Location: ZHG 001	04.07 Mineralogy of Secondary Raw Materials Location: ZHG 002	03.05 +03.08 Climate Location: ZHG 003	03.02 Subsurface Storage of CO2 - Applied Geoscientific Aspects Location: ZHG 004	01.08 Applications and Advancements in Sedimentary Provenance Analysis Location: ZHG 005	02.01 The Tethys Ocean – the cradle of modern tropical life Location: ZHG 006	01.26 Alpine-Zagros-Himalayan Orogenic System: Case Studies Location: ZHG 007	01.17 Understanding Magmatic Systems: From Mush to Magma and Beyond Location: ZHG 104 OG	09.03 What Do We Know About Learning and Teaching Geosciences? – Geoscience Education Research and Outreach Location: Oec 0.169 Nebengebäude
12:00pm - 1:00pm	Lunch Break and Exhibition Location: ZHG - Foyer Café Campus: Monday – Thursday: 8:00 – 17:00 h, Friday: 8:00 – 16:00 h Café Central: Monday – Thursday: 9:00 – 16:30 h, Friday: 9:00 – 15:00 h Central canteen Please note: Only card payments are accepted in the ZHG canteen! Monday – Thursday: 11:30 – 18:00 h Friday: 11:30 – 14:30 h Saturday: 11:45 – 14:30 h								
1:00pm - 1:45pm	Plenary: AG Verbundprojekte des DVGeo "Zukunftsforschung in den Geowissenschaften: wie weiter? Eine interaktive Diskussion" Location: ZHG 011 Plenum								
1:45pm - 2:15pm	Awards Location: ZHG 011 Plenum Awardee PalGes: Joachim Reitner, Uni Göttingen (Ehrenmitgliedschaft); Awardee DMG: Gerhard Franz, TU Berlin (DMG Ehrenmitgliedschaft); Awardee DGGV: Thomas Hofmann, GeoSphere Austria (Serge-von-Bubnoff-Medaille); Awardee DMG: Andreas Mulch, Senckenberg Frankfurt (Abraham-Gottlob-Werner-Medaille); Awardee DGGV: Michael Weber, Uni Bonn (Eugen-Seibold-Medaille); Awardee DMG: Daniel Goldmann, TU Clausthal (Georg-Agricola-Medaille); Awardee DGGM: to be announced (Diss-Preis); Awardees DFG: Katharina Seeger, Uni Köln & Taina Marcos Lima Pinho, AWI Bremerhaven (Bernd Rendel-Preise für Geowissenschaften 2025).								
2:00pm - 2:30pm	Treffen des AK Schule und Hochschule der DMG Location: ZHG 001								
2:15pm - 2:45pm	Coffee Break and Exhibition Location: ZHG - Foyer								
2:45pm - 4:15pm	- Location: ZHG 001	04.07 Mineralogy of Secondary Raw Materials Location: ZHG 002	03.05 +03.08 Climate Location: ZHG 003	07.02 Geothermal energy — Potential and utilisation of geothermal energy resources for the heat transition Location: ZHG 004	01.13 Sedimentary basins as multi-proxy and multi-process recorders Location: ZHG 005	02.01 The Tethys Ocean – the cradle of modern tropical life Location: ZHG 006	01.18 + 01.09 + 01.24 Regional Geology...+ HEATin `EUROPE during the Carboniferous and Permian... + Fieldwork as common playground... Location: ZHG 007	08.02 Building Bridges – Erfahrungen aus der geowissenschaftlichen Praxis für den Karriereweg Location: ZHG 104 OG	09.01 Workshop "Open Educational Resources (OER) in Geosciences: From Basics to Practice" Location: Oec 0.169 Nebengebäude
4:30pm - 5:30pm	DGGM Mitgliederversammlung Location: ZHG 001				DGGV Mitgliederversammlung Location: ZHG 105 OG				
7:00pm	Öffentliche Podiumsdiskussion "Grünes Wachstum – die Wirtschaft der Zukunft oder Illusion?" Location: Aula der Universität am Wilhelmsplatz 1 Admission: 19 h Start: 19:30 h								

8:00am	Registration Location: ZHG - Foyer		Wardrobe Location: ZHG 008		Childcare Location: Oec 1.165 Nebengebäude More Information here https://www.geo4goettingen2025.de/childcare.html		Parent-Child Room Location: MZG/Blauer Turm 3.127	
8:30am - 10:00am	05.01 Spectroscopic methods in modern geosciences Location: ZHG 001	06.04 Stressors in Hydrogeology: Interactions and Impacts Location: ZHG 002	Workshop: Möglichkeiten für Verbundprojekte in Deutschland: Strategische Aufstellung, Antragstellung, Leitung Location: ZHG 003	04.04 Hydrogen in the energy transition –white to green hydrogen and subsurface storage Location: ZHG 004	07.03 Quantifying surface and near-surface dynamics with remote sensing and geophysics Location: ZHG 005	01.11+06.02 Micropalaeontology and Fossil Imaging Location: ZHG 006	01.18 +01.09 +01.24 Regional Geology...+ HEATin’EUROPE during the Carboniferous and Permian...+ Fieldwork as common playground... Location: ZHG 007	08.01 Young Scientist Session Location: ZHG 104 OG
10:00am - 10:30am	Coffee Break and Exhibition Location: ZHG - Foyer							
10:30am - 12:00pm	05.02 Understanding (geo)materials with advanced experimental and computational methods Location: ZHG 001	03.06 Multiscale characterization of structure, flow and transport dynamics in fractured porous media and karst systems Location: ZHG 002	Sitzung der Konferenz der Fachbereiche Geowissenschaften (KFGeo) Location: ZHG 003	06.03 3D Geological Modelling: Methods, Applications, and Regional Insights Location: ZHG 004	01.15+01.12 Taping records of environmental and climatic changes throughout the Quaternary + Coastal dynamics in different timescales... Location: ZHG 005	01.27 The BROMACKER project: A novel combination of multidisciplinary research and science communication in a UNESCO Geopark Location: ZHG 006	01.18 +01.09 +01.24 Regional Geology... + HEATin’EUROPE during the Carboniferous and Permian... + Fieldwork as common playground... Location: ZHG 007	08.01 Young Scientist Session Location: ZHG 104 OG
12:00pm - 1:00pm	Lunch Break and Exhibition Café Campus Monday – Thursday: 8:00 – 17:00 h, Friday: 8:00 – 16:00 h Café Central Monday – Thursday: 9:00 – 16:30 h, Friday: 9:00 – 15:00 h Central canteen Please note: Only card payments are accepted in the ZHG canteen! Monday – Thursday: 11:30 – 18:00 h Friday: 11:30 – 14:30 h Saturday: 11:45 – 14:30 h				Fortbildungstag für Lehrkräfte Workshop System Erde Location: Oec 0.169 Nebengebäude Diskussion mit allen Interessierten der Konferenz Geowissenschaften im niedersächsischen Lehrplan, Geowissenschaftlicher Wettbewerb für Schüler/innen			
1:00pm - 1:45pm	Plenary Lecture: Tony Reimann "Earth-Evolution at the Dry Limit – new insights from a geo-bio collaborative research project" Location: ZHG 011 Plenum							
1:45pm - 2:15pm	Awards Location: ZHG 011 Plenum Awardee DMG: Friedhelm von Blanckenburg, FU Berlin (Doris-Schachner-Medaille); Awardee DGGV: Adrian Pfiffner, University of Bern (Leopold-von-Buch-Medaille); Awardees DMG: Iris Arndt, Uni Frankfurt & Patricia Marks, Uni Tübingen & Carina Hanser, JGU Mainz (Beate-Mocek-Preis); Awardee PalGes: Mark E. Patzowsky, Pennsylvania, USA (Corresponding Honorary Membership); Awardee DGGV: Benjamin Busch, KIT Karlsruhe (Hermann-Credner-Preis); Awardees DMG: Max Hellers, Uni Köln & Aleksandr Rakipov, Uni Frankfurt (Nachwuchspreis 2024).							
2:15pm - 2:45pm	Coffee Break and Exhibition Location: ZHG - Foyer							
2:45pm - 4:15pm	05.03 Archaeometry – Geosciences4Humanities Location: ZHG 001	04.06 Coupled Fluid-Rock Deformation: Unraveling Multiscale THMC Dynamics for Fundamental Geological Processes and Societal Challenges Location: ZHG 002	- Location: ZHG 003	06.03 3D Geological Modelling: Methods, Applications, and Regional Insights Location: ZHG 004	01.15+01.12 Taping records of environmental and climatic changes throughout the Quaternary + Coastal dynamics in different timescales... Location: ZHG 005	01.27 The BROMACKER project: A novel combination of multidisciplinary research and science communication in a UNESCO Geopark Location: ZHG 006	- Location: ZHG 007	03.01 Recent Advances in the Geological Research of Marine Environments Location: ZHG 104 OG
4:15pm - 5:15pm	Poster Social and Exhibition Location: ZHG Foyer 1 st floor – 01.02 • 01.11 • 01.12 • 01.13 • 01.15 • 01.18 • 01.20 • 01.23 • 01.24 • 01.27 • 02.02 • 03.01 • 03.03 • 03.04 • 03.06 • 04.04 • 04.06 • 04.07 • 05.01 • 05.02 • 05.03 • 06.02 • 06.03 • 06.04 • 07.02 • 07.04 • 08.01 • 08.03 • 09.01							
7:00pm	Conference Dinner at Max Planck Institute for Solar System Research Location: Max-Planck-Institut für Sonnensystemforschung Admission: 7 pm Buffet opening: 7:30 pm End: 1 am							

THURSDAY, 18 SEPTEMBER 2025

8:00am	Registration Location: ZHG - Foyer		Childcare Location: Oec 1.165 Nebengebäude More Information here https://www.geo4goettingen2025.de/childcare.html		Parent-Child Room Location: MZG/Blauer Turm 3.127 More information here.	
8:00am - 3:00pm	Wardrobe Location: ZHG 008					
8:30am - 10:00am	01.20 Process oriented microfabric characterisation of geomaterials Location: ZHG 001	01.02 Anthropogenic geomorphology Location: ZHG 004	01.27 The BROMACKER project: A novel combination of multidisciplinary research and science communication in a UNESCO Geopark Location: ZHG 006	08.03 Tilly Edinger Symposium Location: ZHG 007	03.04 All about carbonates Location: ZHG 104 OG	09.04 WORKSHOP - Why not consider adding a bit of research to your teaching? ... - Part 1 Location: Oec 0.169 Nebengebäude
10:00am - 10:30am	Coffee Break and Exhibition Location: ZHG - Foyer					
10:30am - 11:15am	Plenary Lecture: Anne Jantschke “Living Minerals: How Microalgae Build Carbonates and Adapt to a Changing Environment” Location: ZHG 011 Plenum					
11:15am - 11:45am	Awards Location: ZHG 011 Plenum Awardee DGGV: Alexander (Sandy) Cruden, Australia (Gustav-Steinmann-Medaille); Awardee PalGes: Hendrik Klein (Zittel-Medaille); Awardees DMG: Timo Hopp, MPI Göttingen & Martin Kutzschbach, Uni Frankfurt (Goldschmidt-Preise 2024 & 2025); Awardee DGGV: Leandra Weydt, TU Darmstadt (Hans-Cloos-Preis) - verlesen; Awardee PalGes: Tilly Edinger Award: NN.					
11:45am - 12:45pm	Lunch Break and Exhibition Café Campus: Monday – Thursday: 8:00 – 17:00 h, Friday: 8:00 – 16:00 h Café Central: Monday – Thursday: 9:00 – 16:30 h, Friday: 9:00 – 15:00 h Central canteen Please note: Only card payments are accepted in the ZHG canteen! Monday – Thursday: 11:30 – 18:00 h Friday: 11:30 – 14:30 h Saturday: 11:45 – 14:30 h					
12:45pm - 2:15pm	- Location: ZHG 001	01.23 +07.04 Fluvial anthropospheres - Challenges and legacies of Central European Floodplain Transformations Location: ZHG 004	02.02 Trace fossils as indicators for the ecology, function, physiology and behaviour of fossil organisms and their evolution in the context of palaeoenvironmental change Location: ZHG 006	- Location: ZHG 007	03.04 All about carbonates Location: ZHG 104 OG	09.04 WORKSHOP - Why not consider adding a bit of research to your teaching? ... - Part 2 Location: Oec 0.169 Nebengebäude
2:15pm	Closing with Poster and Young Scientist Awards Location: ZHG 011 Plenum					

FRIDAY, 19 SEPTEMBER 2025

8:00am - 6:00pm	E6: Fault and nappe tectonics and related chaotic rocks in the Harz Mts.
9:00am - 5:00pm	E7: GeoPark Grenzwelten: Climatic and building stone tour in the Hanseatic Town of Korbach including a visit to the Geotope Korbach fissure

PARENT-CHILD ROOM

■ MZG - BLUE TOWER, 3RD FLOOR, ROOM 3.127

How to get there - directions



For participants with children, we offer a parent-child room located directly next to the event area. Room 3.127 in the Blue Tower is available for resting, breastfeeding, or playing, and offers enough space for parents and children.

WHERE CAN I FIND THE ROOM

Please use the elevator right behind the gatehouse and go up to the 3rd floor. If you turn left, you can already see the Parent-Child Room 3.127. Just past the room to reach the Library for Public- and Criminal Law. There you can sign in and receive the key.



Ebergötzen · Seeburger See · Harz ↑
Brotmuseum · Wilhelm-Busch-Mühle

Roringen

Stadt Göttingen Town of Göttingen

1 km

Hotels und Gasthäuser Hotels and Inns

- 1 Hotel Freizeit In****S
- 2 Hotel Astoria****S
- 3 GHOTEL Göttingen****S
- 4 Holiday Inn Express
- 5 Freigeist Nordstadt****S
- 6 Freigeist City****S
- 7 Park Inn by Radisson****S
- 8 Parkhotel Ropeter****S
- 9 Hotel Renschuh
- 10 B&B Göttingen-City
- 11 Leine-Hotel****S
- 12 Eden Hotel****S
- 13 Campus Apartments
- 14 Best Western Hotel am Papenberg****S
- 15 IHR Hotel Beckmann
- 16 Hotel Novostar****S
- 17 Romantik Hotel Gebhard****S
- 18 Onkel Toms Hütte
- 19 Hotel Stadt Hannover****S
- 20 Hotel Central
- 21 Hotel „Zum Stresemann“****S
- 22 AS Hotel****S
- 23 Landgasthaus Lockemann
- 24 Hotel Weender Hof
- 25 Hotel Lindenhof
- 26 Hotel Berliner Hof
- 27 Hotel „Zum Drakenberg“
(Auflistung nach Anzahl der Betten)
- 28 Jugendherberge Göttingen
- 29 Reisemobilhafen

MAX-PLANCK-INSTITUT
FÜR SONNENSYSTEMFORSCHUNG

Conference Dinner

Otto-Hahn-Straße

Max-Planck-Institut für Multidisziplinäre Naturwissenschaften

Ulrichshuser Straße

Forst- und botanischer Garten

Max-Planck-Institut für Sonnensystemforschung

Geopark

Evangelisches Krankenhaus

HAWK

Max-Planck-Institut für Sonnensystemforschung

Universität Nordbereich

Neuer Botanischer Garten

Geopark

Evangelisches Krankenhaus

HAWK

Max-Planck-Institut für Sonnensystemforschung

Universität Nordbereich

Neuer Botanischer Garten

Geopark

Evangelisches Krankenhaus

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Universität Nordbereich

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Universität Nordbereich

Neuer Botanischer Garten

Geopark

Evangelisches Krankenhaus

HAWK

GZG

GEOWISSENSCHAFTLICHES
ZENTRUM GÖTTINGEN

GeoErlebnisTag - Ice Breaker - Fieldtrips

deutsches
theater
göttingen

Theaterstück
„Anfang und Ende des Anthropozäns“

GEORG-AUGUST-UNIVERSITÄT
GÖTTINGEN

Öffentliche Podiumsdiskussion
„Grünes Wachstum – die Wirtschaft der Zukunft oder Illusion?“

ZHG

GEORG-AUGUST-UNIVERSITÄT
GÖTTINGEN Zentrales Hörsaalgebäude

GeoGöttingen
GEOCHANGE

Dudenstadt
Worbis · Leinefelde

Friedland · Witzzenhausen · Heiligenstadt
Bad Sooden-Allendorf · Eschwege

Sitemap & floorplan



Cafeterias nearby

Café Campus

Monday – Thursday: 8:00 am – 5:00 pm, Friday: 8:00 am – 4:00 pm
address: Platz der Göttinger Sieben 5, 37073 Göttingen

Café Central

Monday – Thursday: 9:00 am – 4:30 pm, Friday: 9:00 am – 3:00 pm
address: Platz der Göttinger Sieben 4, 37073 Göttingen

Central canteen

Please note: Only card payments are accepted in the ZHG canteen!

Monday – Thursday: 11:30 am – 6:00 pm | Friday: 11:30 am – 2:30 pm | Saturday: 11:45 am – 2:30 pm
address: Platz der Göttinger Sieben 4, 37073 Göttingen