



## GOLDSCHMIDT2025 SPECIAL!

The European Association of Geochemistry (EAG) and the Geochemical Society (GS) look forward to welcoming delegates from all over the world to Goldschmidt2025 (6–11 July) in Prague, Czech Republic, for a fantastic week of geochemistry. The conference format this year will continue to feature presentations from in-person and remote delegates; however, live remote participation will not take place this year. Remote talks will be available on the Goldschmidt website, and remote posters will be on the website and printed by the conference and displayed onsite. All oral sessions will still be recorded and accessible to all delegates for one month after the conference.

Over 4000 abstracts were received for this year's conference with an extensive science program, featuring oral and poster presentations in 113 scientific sessions and 24 in-person, pre-conference science workshops. In addition, the conference will host a variety of social and networking events, and continues its efforts to widen opportunities, with a range of career development workshops for early career scientists as well as sessions and events dedicated to diversity, equity, and inclusion in the geosciences. We are happy to report that the budget for the Goldschmidt grant program was increased this year, enabling 58% of applicants to receive support to attend the conference. Read on to find out more about some of this year's highlights and visit the website at 2025.goldschmidt.info for all the latest information for delegates.

## Plenary Talks

Goldschmidt2025 will feature daily headline talks from five inspirational speakers working across a range of fields of geochemistry:



**Elisabeth (Liz) Sikes** is a professor of oceanography at Rutgers University in New Jersey, USA. She is a paleoceanographer and paleoclimatologist whose research seeks to understand the ocean's influence on the carbon cycle and climate. Her research interests range from investigating the Southern Ocean's multiple roles in controlling glacial climate cycles to modern carbon cycling in estuaries.

**Lecture (Monday 7 July):** *The alkenone proxy for Sea Surface Temperature (SST) estimates: How does it measure up?*



**Tanja Bosak** is a professor of geobiology at Massachusetts Institute of Technology in Cambridge, Massachusetts, USA, and a participating scientist on the Mars 2020 *Perseverance* Rover Mission. She uses experimental geobiology to reconstruct the co-evolution of life and the environment during the first 80% of Earth and guide the search for signs of past life on Mars.

**Lecture (Tuesday 8 July):** *Sampling Martian carbonates by the Perseverance rover.*



**Wilson Yetoh Fantong** obtained a PhD in hydrogeochemistry from the University of Toyama-Japan in 2010. He is a Chief Research Officer (Directeur de Recherche) and leads the Hydrology and Climate Change unit at the Institute of Geological and Mining Research (IRGM)–Cameroon.

**Lecture (Wednesday 9 July):** *Fluorosis and the Hidden Smiles of the Sahel: A Geochemical Tale.*



**Helen Williams (Guest Lecturer)** is a professor of geochemistry and planetary science at the University of Cambridge (UK). Her research interests center around the application of non-traditional stable isotope systems to understand the formation and evolution of planetary interiors, focusing on topics such as accretion, core formation, and the evolution

of mantle redox state, isotopic tracing of depleted and enriched mantle components, element cycling and the oxidation state of subduction zones, and the secular evolution of the Earth's mantle.

**Lecture (Thursday 10 July):** *From hard rock to heavy metal: high-mass stable isotope adventures in mantle geochemistry.*



**David Beerling** is the founder and director of the Leverhulme Centre for Climate Change Mitigation whose mission is to investigate all aspects of enhanced weathering as a biogeochemical approach for removing CO<sub>2</sub> from the air with agriculture, from long-term field trials, numerical modeling, and social science.

**Lecture (Friday 11 July):** *Enhanced weathering with agriculture for atmospheric CO<sub>2</sub> removal at scale: long-term field trial performance.*

## Opportunities for Early Career Scientists

A number of in-person workshops for students and early career scientists will take place throughout the week, including three half-day workshops on the Sunday afternoon aimed at developing skills in scientific writing, followed during the week by various lunchtime career development workshops and the ever-popular 'Meet the Plenary' lunches—a unique chance to meet the plenary speakers and discuss their talks and careers! Lunchtime workshops are open to all early career attendees (booking is only required if a lunch bag is requested).

## Early Career Workshop Calendar

<b>Sunday afternoon</b>	Best practices in academic publishing; Writing and structuring scientific papers; Writing grant and fellowship proposals.
<b>Monday lunchtime</b>	Setting up new laboratories; Transitioning in and out of academia; Meet the Plenary Lunch with Elisabeth (Liz) Sikes.
<b>Tuesday lunchtime</b>	Presentations, networking, and job interviews (PhD students); Presentations, networking, and job interviews (post docs); Townhall Meeting: ERC Funding Opportunities in Earth Sciences; Meet the Plenary Lunch with Tanja Bosak.
<b>Wednesday lunchtime</b>	Career development and work-life balance; Navigating PhDs around the world; Meet the Plenary Lunch with Wilson Fantong.
<b>Thursday lunchtime</b>	Hidden histories - Towards equity, diversity, and inclusion in geosciences; Meet the Plenary Lunch with Helen Williams.
<b>Friday lunchtime</b>	Meet the Plenary Lunch with David Beerling

## Goldschmidt Mentor Program

Designed for novice conference attendees, students, and early career scientists, the popular Goldschmidt mentor program matches mentees one-on-one with an experienced scientist to help them navigate the conference. The program provides valuable support for hundreds of new mentees every year.

## Diversity, equity, and inclusion at Goldschmidt2025

The EAG and GS recognize that diversity, equity, and inclusion (DEI) are the foundations of a strong and thriving scientific community. To promote engagement from across the geochemistry community and to ensure an equitable conference for all attendees, the DEI committees have organized a number of sessions, workshops, and other events during Goldschmidt2025. These include DEI-related session 14f 'Challenges and Initiatives to Ensure Geochemistry is for Everybody'; opportunities to meet members of the DEI Committees on Tuesday 8 July at 18:00 during the poster session and at the DEI booth in the EAG and GS lounge, and a lunchtime DEI workshop on Thursday 10 July 'Hidden Histories – Towards Equity, Diversity and Inclusion in Geoscience'.

Visit the DEI page on the Goldschmidt2025 conference website (under Program Highlights) for more information.



## Awards to be Presented at Goldschmidt2025

The recognition of scientific excellence is one of the core activities of the European Association of Geochemistry, the Geochemical Society, as well as other scientific societies, and we are honored to be presenting the awards below at Goldschmidt2025.

### EUROPEAN ASSOCIATION OF GEOCHEMISTRY



2024 H. Urey Medal:  
**Janne Blichert-Toft**  
(ENS Lyon, France)



2025 W. Stumm  
Science Innovation  
Award: **Christine  
Putnis** (University of  
Münster, Germany)



2025 H. Urey Medal:  
**Donald Sparks**  
(University of  
Delaware, USA)

### GEOCHEMICAL SOCIETY



2025 V. Goldschmidt  
Medal: **Chris  
Hawkesworth**  
(University of Bristol,  
UK)



2025 F. Earl Ingerson  
Lecturer: **Nathalie  
Goodkin** (American  
Museum of Natural  
History, USA)



2025 C. Patterson  
Medal: **Avner  
Vengosh** (Duke  
University, USA)\*



2025 Endowed  
Biogeochemistry  
Lecture: **Ronnie  
Glud** (Syddansk  
Universitet, Denmark)



2025 F. Clarke Medal:  
**Suzanne Birner**  
(Berea College, USA)



2025 Alfred Treibs  
Medal: **Timothy  
Eglinton** (ETH  
Zürich, Switzerland)\*

### EAG/GS



2025 P. Gast Lecture:  
**Helen Williams**  
(University of  
Cambridge, UK)



2025 R. Berner  
Lecture: Benjamin  
**J.W. Mills** (University  
of Leeds, UK)

### GS/EAG 2025 GEOCHEMISTRY FELLOWS



**Sarah-Jane Barnes**  
(University of Quebec  
at Chicoutimi, Canada)



**Michael Bau**  
(Constructor  
University, Germany)



**Ian H. Campbell**  
(The Australian  
National University,  
Australia)



**Allan Devol**  
(University of  
Washington, USA)



**Ellen C. Hopmans**  
(Royal Netherlands  
Institute for Sea  
Research)



**Dmitri Ionov**  
(Montpellier  
University, France)



**Balz Kamber**  
(Queensland University  
of Technology,  
Australia)



**Hodaka Kawahata**  
(University of Tokyo,  
Japan)



**Carsten Münker**  
(University of Cologne,  
Germany)



**Martin Reich**  
(Universidad de  
Chile)



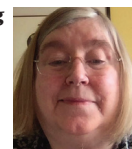
**Sara S. Russell**  
(Natural History  
Museum, UK)



**Maria  
Schönbächler** (ETH  
Zürich, Switzerland)



**Christina Yan Wang**  
(Chinese Academy of  
Sciences, China)



**Marjorie Wilson**  
(University of Leeds,  
UK)

### GEOCHEMICAL SOCIETY OF JAPAN



2025 Geochemical  
Journal Award: **Yuki  
Inoue** (Kyushu  
University, Japan)

### SHEN-SU SUN FOUNDATION



2025 Shen-su Sun  
Award: **Jihua  
Hao** (University  
of Science and  
Technology of  
China)

### INTERNATIONAL ASSOCIATION OF GEOANALYSTS



2025 Early Career  
Researcher Award:  
**Xiuhong Liao**  
(Chinese University of  
Geosciences, China)

### INTERNATIONAL ASSOCIATION OF GEOCHEMISTRY



2025 Jin Jingfu  
Lecturer Award:  
**Meret Aeppli** (EPFL,  
Switzerland)

### EUROPEAN MINERALOGICAL UNION



2024 Research  
Excellence Medal:  
**Martha G. Pamato**  
(University of Padua,  
Italy)



2024 Research  
Excellence Medal:  
**Jakub Plášil** (Czech  
Academy of Sciences,  
Czech Republic)

\* Medalists are also named Geochemistry Fellows by virtue of their medal.