



Geochemical Society

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**GOLDSCHMIDT[®]
Chicago 2024**

18–23 August



GOLDSCHMIDT2024 SPECIAL!

The Geochemical Society (GS) and the European Association of Geochemistry (EAG) look forward to welcoming delegates from all over the world to Goldschmidt2024 (18–23 August, Chicago, Illinois, USA and online) for another fantastic week of geochemistry.

Read on to find out more about some of this year's highlights and visit the website at <https://2024.goldschmidt.info/> for all the latest information for in-person and remote delegates.

Plenary Talks

Goldschmidt2024 will feature daily headline talks from five inspirational speakers working across a range of fields of geochemistry:



Corinne Le Quééré, Royal Society Research Professor of Climate Change Science, University of East Anglia (UK). Corinne conducts research on the interactions between climate change and the carbon cycle, including those mediated by marine ecosystems.

Lecture (Monday 11:45 CDT): *Carbon storage by the natural land and ocean reservoirs in a changing climate.*



Jiubin Chen (Gast Lecturer), professor, School of Earth-System Science (SESS), Tianjin University (China). Jiubin's major research interest is the geochemistry of metal isotopes, focusing on methodology development, fractionation mechanisms, and potential applications to various environments.

Lecture (Tuesday 11:45 CDT): *Tracing metal adventures from Earth to life.*



Ellen Stofan, Under Secretary for Science and Research, Smithsonian Institution (USA). Ellen's focus is on the Smithsonian's Our Shared Future: Life on a Sustainable Planet initiative and collective research, especially in areas of biodiversity, climate change, global health, sustainable communities, and environmental justice.

Lecture (Wednesday 11:45 CDT): *Space for a Sustainable Planet.*



Catherine Chauvel, CNRS Research Director at the Institut de Physique du Globe de Paris (France). Catherine is a high temperature geochemist who combines constraints provided by trace elements and radiogenic isotopes to understand how rocks form.

Lecture (Thursday 11:45 CDT): *Geochemistry and inner Earth.*



Christopher Reddy, senior scientist, Department of Marine Chemistry & Geochemistry, Woods Hole Oceanographic Institution (USA). Chris studies how the ocean responds to pollution stemming from shipping accidents, oil spills, ocean dumping, and plastic.

Lecture (Friday 11:45 CDT): *Science Communication in a Crisis.*

A number of in-person and hybrid workshops for those in the early stages of their career will take place throughout the week, including the ever-popular "Meet the Plenary" lunches—a unique chance to meet the plenary speakers and discuss their talks and careers!

Early Career Workshops

Monday lunchtime	Career Paths in Geoscience: Personal Perspectives Meet the Plenary Lunch – Corinne Le Quééré Silly Hats, Serious Business: De-Mystifying the Mad, Mad World of U.S. Political Conventions
Tuesday lunchtime	Meet the Plenary Lunch – Jiubin Chen Proposal Writing Best Practices Silly Hats, Serious Business: De-Mystifying the Mad, Mad World of U.S. Political Conventions
Wednesday lunchtime	Setting up your Geochemistry Laboratory Meet the Plenary Lunch – Ellen Stofan
Thursday lunchtime	Connecting with COP: Student engagement at international climate negotiations Meet the Plenary Lunch – Catherine Chauvel
Friday lunchtime	Meet the Plenary Lunch – Christopher Reddy

To promote engagement from across the geochemistry community and related disciplines, and to ensure an equitable conference for all attendees, the GS and EAG Diversity, Equity, and Inclusion Committees have organized a number of sessions, workshops, and other events during Goldschmidt2024. Please get involved!

Diversity, Equity, and Inclusion Events at Goldschmidt

Monday 19 August	Hidden histories – towards equity, diversity and inclusion in geosciences
Tuesday 20 August	Geohealth, water quality, and engagement with marginalized and environmentally overburdened indigenous communities Goldschmidt Pride Reception
Wednesday 21 August	Developing a diverse geoscientist pipeline
Thursday 22 August	"My career in Geoscience made me an immigrant and polyglot" – Opportunities and barriers for doing research abroad

Social Program

Sunday 18 August	Icebreaker Reception & Opening of Exhibit Hall
Monday 19 August	Early Career Mixer and Chicago Blues Night
Thursday 22 August	Evening at the Field Museum

Awards to be Presented at Goldschmidt2024

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 Goldschmidt2024.

GEOCHEMICAL SOCIETY (GS)



2024 V. M. Goldschmidt Award
Donald E. Canfield (Syddansk Universitet, Denmark)



2024 Endowed Biogeochemistry Lecture
Ronnie Glud (Syddansk Universitet, Denmark)



2024 Clair C. Patterson Award
Satoshi Utsunomiya* (Kyushu University, Japan)



2024 Ingerson Lecture
Fang-Zhen Teng (University of Washington, USA)



2024 F.W. Clarke Award
Jihua Hao (University of Science and Technology of China)

EUROPEAN ASSOCIATION OF GEOCHEMISTRY (EAG)



2024 Houtermans Medal
Feifei Zhang (Nanjing University, China)



2024 Epstein Science Innovation Award
Evelyn Furi* (CRPG CNRS Université de Lorraine, France)

EAG/GS



2024 Gast Lecture
Jiubin Chen (Tianjin University, China)

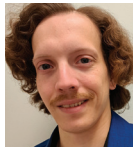


2024 Robert Berner Lecture
Sarah E. Greene (University of Birmingham, UK)

INTERNATIONAL ASSOCIATION OF GEOANALYSTS



2024 Early Career Researcher Award
Shiqiang Huang (Colorado School of Mines, USA)



2024 Early Career Researcher Award
Birk Haertel (University of Calgary, Canada)

GS/EAG GEOCHEMISTRY FELLOWS



Dereje Ayalew, (Addis Ababa University, Ethiopia)



Jochen Brocks, (Australian National University, Australia)



Peter Cawood (Monash University, Australia)



Kent Condie (New Mexico Institute of Mining and Technology, USA)



Tetsuo Irifune (Ehime University, Japan)



Fabrizio Nestola (University of Padova, Italy)



Christine Putnis (University of Münster, Germany)



Mark Rehkämper (Imperial College London, UK)



Urs Schaltegger (University of Geneva, Switzerland)



Fang-Zhen Teng (University of Washington, USA)



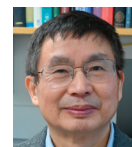
Jeffrey Vervoort (Washington State University, USA)



Paul Wallace (University of Oregon, USA)



Helen Williams (University of Cambridge, UK)



Youxue Zhang (University of Michigan, USA)

GEOCHEMICAL SOCIETY OF JAPAN



2024 Geochemical Journal Award
Takashi Miyazaki (Agency for Marine-Earth Science and Technology, Japan)

SHEN-SU SUN FOUNDATION



2024 Shen-su Sun Award
Ming Tang (Peking University, China)

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