

GOLDSCHMIDT[®] LYON 2023

9-14 JULY



GOLDSCHMIDT2023 SPECIAL!

The European Association of Geochemistry (EAG) and the Geochemical Society (GS) look forward to welcoming delegates from all over the world to Goldschmidt2023 (9–14 July, Lyon, France 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 <http://2023.goldschmidt.info> for all the latest information for in-person and remote delegates.

Plenary Talks

Goldschmidt2023 will feature daily headline talks from five inspirational speakers working across a range of fields of geochemistry:



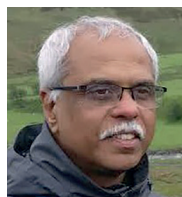
Lawrence Meinert, affiliate faculty at the Colorado School of Mines (USA) and Editor-in-Chief of *Economic Geology*. Lawrence's teaching and research cover a wide range of fields, from exploring for gold mines to that liquid gold in bottled form: fine wine.

Lecture (Monday 11:45 CET): *The science of good taste: the intersection of wine, geology, and geochemistry*.



Phoebe Lam (Guest Lecturer), associate professor in the Department of Ocean Sciences at the University of California, Santa Cruz (USA). Phoebe's research focuses on marine particle geochemistry and dynamics.

Lecture (Tuesday 11:45 CET): *Marine particle geochemistry: influence on biogeochemical cycles in the ocean*.



Sumit Chakraborty, professor at the Ruhr-Universität Bochum in Germany and President of the Geochemical Society. Sumit applies physical chemistry through experiments, theory, and in the field to understand timescales and mechanisms of geochemical processes.

Lecture (Wednesday 11:45 CET): *Reading the rock record for a hierarchy of timescales*.



Abdoulatif Abass Saley, mining geology engineer and researcher at the Department of Geosciences, Higher Institute of Mining, Industry and Geology (EMIG) in Niamey, Niger. Abdoulatif's current PhD research focuses on mining waste and pollution in artisanal and small-scale mining environments.

Lecture (Thursday 11:45 CET): *Impact of artisanal gold mining on land degradation and soil contamination in West Africa: contribution of remote sensing and geochemistry in Koma Bangou, Niger*



Cornelia Meinert, CNRS Research Director at the University Côte d'Azur, Nice, France. Cornelia's research focuses on the origin of life; mainly on the origin and detection of chiral molecules in interstellar dust particles, comets, meteorites, and on the surface of other planetary bodies.

Lecture (Friday 11:45 CET): *Why nature never makes chiral twins – insights from cometary ice analogues and extraterrestrial sample analyses*.

A number of in-person and hybrid workshops for those in the early stages of their career will take place throughout the week, including ones on Sunday afternoon aimed at developing skills in writing and reviewing, 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!

Early Career Workshops

Sunday afternoon	Grant proposal writing; Reviewing scientific papers; Writing scientific papers
Monday lunchtime	Non-academic careers; Overcoming stage fright; Meet the Plenary Lunch – Lawrence Meinert
Tuesday lunchtime	Academic mobility and work-life balance; Building a new laboratory of geochemistry or petrology; Meet the Plenary Lunch – Phoebe Lam
Wednesday lunchtime	From student to teacher; Meet the Plenary Lunch – Sumit Chakraborty
Thursday lunchtime	Meet the Plenary Lunch – Abdoulatif Abass Saley
Friday lunchtime	Meet the Plenary Lunch – Cornelia Meinert

To promote engagement from across the geochemistry community and related disciplines, and to ensure an equitable conference for all attendees, the EAG and GS Diversity, Equity, and Inclusion Committees have organized a number of sessions, workshops, and other events during Goldschmidt2023. Please get involved!

Diversity, Equity and Inclusion Events at Goldschmidt

Tuesday 11 July	Session 14b "Engaging with a variety of communities: a workshop-style session to discuss issues, ideas, and practical solutions for more effective outreach"
Wednesday 12 July	Meet the DEI Committees
Thursday 13 July	Session 14e "Initiatives to advance diversity, equity, and inclusion in geochemistry"; Lunchtime DEI workshop "Hidden Histories – Towards Equity, Diversity and Inclusion in Geoscience"
Friday 14 July	13:00 CET Online DEI Social on Zoom

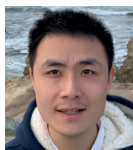
Awards to be Presented at Goldschmidt2023

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 Goldschmidt2023.

EUROPEAN ASSOCIATION OF GEOCHEMISTRY (EAG)



2023 H.C. Urey Award: **Bo Barker Jørgensen** (Aarhus University, Denmark)



2023 F.G. Houtermans Award: **Ming Tang** (Peking University, China)



2023 Science Innovation Award (Nicholas Shackleton Medal): **Rosalind Rickaby** (University of Oxford, UK)*

GEOCHEMICAL SOCIETY (GS)



2023 V.M. Goldschmidt Medal: **Roberta Rudnick** (University of California, Santa Barbara, USA)



2023 Alfred Treibs Medal: **Shucheng Xie** (China University of Geosciences)*



2023 C.C. Patterson Medal: **Myrna Simpson** (University of Toronto, Canada)*



2023 F. Earl Ingerson Lecturer: **Maitrayee Bose** (Arizona State University, USA)



2023 F.W. Clarke Medal: **Sarah Aarons** (Scripps Institution of Oceanography, USA)

EAG/GS



2023 Paul W. Gast Lecturer: **Phoebe Lam** (University of California, Santa Cruz, USA)



2023 Robert Berner Lecturer: **Valier Galy** (Woods Hole Oceanographic Institution, USA)

GS/EAG 2023 GEOCHEMISTRY FELLOWS



Alessandro Aiuppa (University of Palermo, Italy)



Karim Benzerara (Institut de Minéralogie, Physique des Matériaux et Cosmochimie, CNRS, France)



Antje Boetius (Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research, Germany)



Maud Boyet (University of Clermont-Ferrand, France)



Elizabeth Cottrell (National Museum of Natural History, Smithsonian Institution, USA)



Andrew M. Davis (University of Chicago, USA)



Hailiang Dong (Miami University of Ohio, USA)



Danielle Fortin (University of Ottawa, Canada)



Penny L. King (Australian National University, Australia)



Thorsten Kleine (Max Planck Institute for Solar System Research, Germany)



Daniel Ochieng Olago (University of Nairobi, Kenya)



Clive Oppenheimer (University of Cambridge, UK)



Clare E. Reimers (Oregon State University, USA)



Neil Colrick Sturchio (University of Delaware, USA)

GEOCHEMICAL SOCIETY OF JAPAN



2023 Geochemical Journal Award: **Yoshiaki Endo** (Tokyo Institute of Technology, Japan)

SHEN-SU SUN FOUNDATION

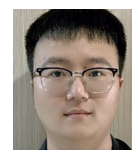


2023 Shen-su Sun Award: **Yuan Li** (Chinese Academy of Sciences, China)

INTERNATIONAL ASSOCIATION OF GEOANALYSTS



2023 Young Scientist Award: **Jing-Yao Xu** (Chinese Academy of Sciences, China)



2023 Young Scientist Award: **Ming Yang** (Zhejiang University, China)

INTERNATIONAL ASSOCIATION OF GEOCHEMISTRY



2022 Vernadsky Medal: **Susan Brantley** (Pennsylvania State University, USA)



2022 IAGC Fellow: **François Chabaux** (University of Strasbourg, France)



2023 Harmon Distinguished Service Award: **Michael Kersten** (Johannes Gutenberg University of Mainz, Germany)



2023 Kharaka Award: **Shuo Zhang** (Tsinghua University, China)

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