

SPECIAL GOLDSCHMIDT2017!



With over 4,500 abstracts received, the 27th Goldschmidt Conference in Paris (13–18 August 2017) will be the biggest to date, and we want to recognise, first and foremost, that this is the achievement of significant and excellent community engagement. The European Association of Geochemistry (EAG) and the Geochemical Society (GS), organisers of the Goldschmidt conferences, sincerely thank all involved.

In addition to an outstanding scientific program, the conference will feature numerous workshops, fascinating field trips, exciting social events, an expanded early career scientists program, as well as new initiatives around science communication. What follows are some of the conference highlights, but you can find all the details at goldschmidt.info/2017.



PLENARY SPEAKERS AT GOLDSCHMIDT2017

As usual, Goldschmidt will feature inspiring and engaging speakers in various fields. This year, we are proud to present:



Matthieu Gounelle, Professor of Cosmochemistry at the Natural History Museum in Paris (France) and member of the Institut Universitaire de France. His research focuses on the astrophysical context of the Solar System's formation. Lecture (Monday at 11:45 a.m.): "From Prodigies to Meteorites (1492-1803)".



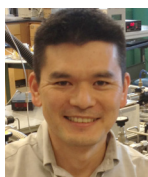
Paul Falkowski, Bennett Smith Professor in Business and Natural Resources/Distinguished Professor Department of Earth and Planetary Sciences/Director of Rutgers Energy Institute, Rutgers, The State University of New Jersey (USA). His scientific interests include the evolution of Earth systems, paleoecology, photosynthesis, biophysics, biogeochemical cycles, and symbiosis. Lecture (Tuesday at 11:45 a.m.): "How Corals Make Rocks".



Hélène Langevin-Joliot, CNRS Director of Research Emeritus. As a nuclear physicist at the Institute of Nuclear Physics at Orsay (France), she developed experiments on medium-energy reactions and nuclear structure. She is the granddaughter of Pierre and Marie Curie. Lecture (Wednesday at 11:45 a.m.): "Pierre and Marie Curie and Radioactivity".



Laurie Reisberg, CNRS Research Director at the University of Lorraine in Nancy (France) and President of the Geochemical Society. Her specialties are radiogenic isotopes and highly siderophile element geochemistry. Lecture (Thursday at 11:45 a.m.): "Highly Siderophile Elements: A Window into the Earth's Mantle".



Shuhei Ono, associate professor in low-temperature geochemistry at Massachusetts Institute of Technology (USA), and recipient of the Paul Gast Lectureship bestowed jointly by the EAG and GS. His research group develops and applies novel isotope proxies to trace the evolution and interaction between microbes and geochemistry. Lecture (Friday at 11:45 a.m.): "Clumped Isotopologue ($^{13}\text{CH}_3\text{D}$) Fingerprinting of Methane Sources".

NEW! GOLDSCHMIDT WILD ORBIT CINEMA

This year, Goldschmidt and Wild Orbit Films are hosting a week-long celebration of the very best science communication. Twenty of the best short science films submitted will receive a lunchtime screening throughout the conference. Come and watch them! The event will run **Monday to Friday, 12:45–14:15**.

Films will be judged by a panel of eminent scientists and media professionals, including Dr. Zita Martins and Prof. Liane Benning. Prizes, or Orbits, will be awarded to the best communicators in our science. One prize will be a private tour of CERN's Large Hadron Collider (Switzerland); other top prizes are still to be confirmed.

Communicating science effectively, explaining why it matters, why it should be funded, and why people should listen and trust our expertise is essential. Creating bite size, high-quality science films has become the way to achieve this. We are looking for the best geochemistry science films made by you, the scientists. **Submission deadline is 15 July 2017.**



Need more comic relief? Find some more at eag.eu.com/comic-relief

Huge thanks for R&B and Maria Schoenbaechler for their continued contributions!

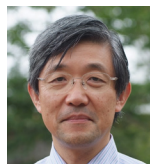


AWARDS TO BE PRESENTED AT GOLDSCHMIDT2017

The recognition of scientific excellence is one of the core activities of the EAG and the GS, as well as the other scientific societies mentioned below, so we are honoured to have the following awards be presented at the conference.



EUROPEAN ASSOCIATION OF GEOCHEMISTRY



UREY MEDAL:
Eiji Ohtani (Tohoku University, Japan)



Science Innovation Award (HEINZ LOWENSTAM MEDAL):
Bo Thamdrup (University of Southern Denmark)*

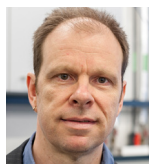


HOUTERMANS MEDAL:
Julie Prytulak (Imperial College London, UK)

GEOCHEMICAL SOCIETY



GOLDSCHMIDT MEDAL:
Jill Banfield (University of California, Berkeley, USA)



PATTERSON MEDAL:
Kai-Uwe Hinrichs (University of Bremen, Germany)*



CLARKE MEDAL: **Francis M. McCubbin** (NASA Johnson Space Center, USA)



F. EARL INGERSON LECTURER: **Karim Benzerara** (University Pierre et Marie Curie, France)



ENDOWED BIOGEOCHEMISTRY LECTURE: **Ariel Anbar** (Arizona State University, USA)

GEOCHEMICAL SOCIETY OF JAPAN

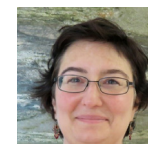


GEOCHEMICAL JOURNAL AWARD: **Hidenori Genda** (Tokyo Institute of Technology, Japan)



SHEN-SU SUN AWARD:
Li Zhang (Center for High Pressure Science & Technology Advanced Research, China)

EUROPEAN MINERALOGICAL UNION



EMU RESEARCH EXCELLENCE MEDAL:
Sylvie Demouchy (CNRS, Geosciences Montpellier, France)

INTERNATIONAL ASSOCIATION OF GEOANALYSTS



YOUNG SCIENTIST AWARD: **Dorothea Macholdt** (Max Planck Institute, Germany)



YOUNG SCIENTIST AWARD: **Peter Onuk** (University of Leoben, Austria)

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

GS/EAG GEOCHEMICAL FELLOWS



Thomas Bianchi (University of Florida, USA)



Catherine Chauvel (CNRS, University of Grenoble, France)



James Davis (Lawrence Berkeley National Laboratory, USA)



Scott E. Fendorf (Stanford University, USA)



Steven L. Goldstein (Lamont-Doherty Earth Observatory, Columbia University, USA)



Kimitaka Kawamura (Chubu University, Japan)



Kurt O. Konhauser (University of Alberta, Canada)



Peter H. Santschi (Texas A&M University, USA)



Jon Woodhead (University of Melbourne, Australia)



Yong-Fei Zheng (University of Science and Technology of China)



CAST LECTURER:
Shuhei Ono (Massachusetts Institute of Technology, USA)



(NEW) ROBERT BERNER LECTURER: **Joshua West** (University of Southern California, USA)

NEW GS/EAG ROBERT BERNER LECTURE

Students and friends of the late Robert Berner have worked to establish an annual lecture at the Goldschmidt Conference to commemorate his intellectual legacy in geochemistry. The lecture is on a 'Berner' subject, which includes a wide range of topics associated with elemental cycling at the Earth's surface (molecular to planetary scale, modern to ancient oceanic and terrestrial systems, evolution of the biosphere, etc.). The lecturers are selected jointly by the Geochemical Society and the European Association of Geochemistry. Contributions form an endowment to support the lecturer's travel to Goldschmidt every year. You can donate in USD at www.geochemsoc.org/awards/berner-lecture or in Euros at www.eag.eu.com/awards/berner-lecture



EARLY CAREER SCIENTISTS AT GOLDSCHMIDT2017

Early career scientists are at the heart of Goldschmidt conferences and, for this reason, the various programs aimed at young professionals in geochemistry have been developing. Goldschmidt2017 will continue this trend with several new initiatives, while retaining the successful ones from previous years. Here is an overview of what's on offer for early career scientists in 2017. Additional details for each event are available at [goldschmidt.info/2017/studentMainPage](https://www.goldschmidt.info/2017/studentMainPage). **Note that the deadline to register for most events is 13 June.**



Workshops (pre-conference)

There will be 17 workshops offering a wide variety of topics before Goldschmidt2017!

Also, as giving a (perhaps first) presentation at an international conference can be a daunting prospect. To help, there will be a special one-day **workshop on Presentation Skills** organised at the start of the conference, on Sunday 13 June. Students will have the opportunity to practise their Goldschmidt talks in small groups led by young scientists experienced in giving oral presentations. Specific help and guidance will be provided for students whose first language is not English.

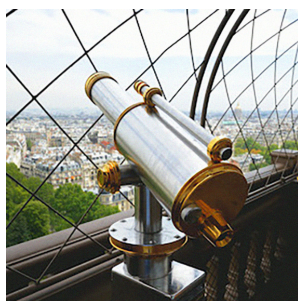


Early Career Events (lunchtime)

From Monday to Friday, at lunch time, there will be two 60-minute workshops specifically targeted at early career scientists. These will cover a variety of subjects, such as communicating science, careers, work-life balance, publications, funding, teaching, or sexual harassment. See the full program online.

Meet the Plenary (lunchtime)

Started two years ago, this initiative allows early career scientists to share lunch with the plenary speaker of the day, in a cozy setting limited to a small group. This event is truly unique to the conference and feedback has been very positive. We really encourage you to attend. Here is what some previous attendees said:



"This event was actually one of the single most useful and memorable parts of the conference. It gave me the opportunity to get extremely valuable professional information from someone at the top of my subdiscipline."

"It was a great way to meet other students in the same field, as well as one of the leading researchers. It was great to hear some career/PhD advice from someone who wasn't my supervisor and who has a different style."

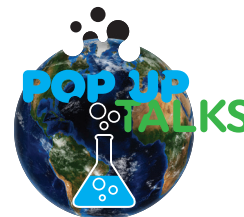
"The discussion with the plenary speaker was a great pleasure and very fruitful. I think it is a wonderful initiative."

You can see the list of plenary speakers at Goldschmidt2017 on page 192.



Pop up Talks

NEW! If you feel passionate about your research and want to talk about it, then sign up for this new and exciting event that is being completely organised by early career scientists. The idea is to give a 5-minute presentation in the style of a TED Talk (see <https://www.ted.com/> for examples of TED talks) – that is, getting across a well-formulated idea in an engaging way. Don't limit yourself to PowerPoint slides. Be creative! Nonstandard presentations (e.g. a single image, video, music, poetry, anything you want!), are especially encouraged, and can be done individually or in a team.



Mentor Program

The Mentor Program is designed for new attendees: mentees are matched one-on-one with an experienced scientist to help them navigate the complexities of a large, international conference. Over the past year, this popular program has helped hundreds of students! Note the application deadline: 13 June 2017.

Goldschmidt Rocks – The 2017 Party (Monday 14 August)

Eat, drink, dance and enjoy live music supplied by our very own house band "Double Scotch"! It's all happening at the Meridien Hotel, a two-minute walk from the Congress Centre in Paris. Celebrate the end of the first day of talks and posters by joining the party. Student tickets are available at €20.



Note the Goldschmidt2017 Early Career Scientists Program also includes an expanded grant program and the traditional Student Helpers (applications closed).

DON'T MISS!

European Association of Geochemistry Cocktail Party and AGM

Tuesday 15 August at 19:00
Hotel The Meridien (just beside the congress center)
FREE ENTRANCE

Geochemical Society Business Meeting and Members Reception

Wednesday 16 August at 19:00
Hotel The Meridien (just beside the congress center)
FREE ENTRANCE