

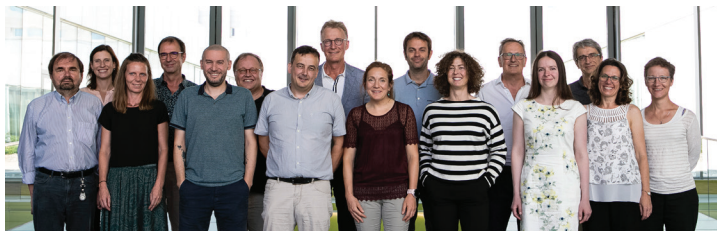


European Association of Geochemistry



www.eag.eu.com

CHANGES IN THE EAG COUNCIL



2019 EAG Council members

The members of the European Association of Geochemistry (EAG) voted in three new councillors during the autumn 2019 elections. We welcome **Heather Buss**, **Nadia Malaspina** and **Jill Sutton** who, as you read this, have joined the council in January 2020 and who will serve on the council for the next three years. We wish to thank all our members for their participation in the elections, which had a 37% turnout in 2019 with 1,218 votes received. The EAG are especially grateful to all candidates who agreed to stand for election. We also take this opportunity to thank departing councillors **Rizlan Bernier-Latmani**, **Klaus Mezger**, **Carsten Münker** and **Emily Pope**, as well as past-treasurer **Karim Benzerara**, for their important contributions to the growth and success of the EAG during their respective terms.



Heather Buss is an associate professor in the School of Earth Sciences at the University of Bristol (UK). Heather is a low-temperature geochemist who specialises in biogeochemical weathering in the critical zone, with a focus on identifying, quantifying and modelling feedbacks between chemical weathering and biological and physical processes, especially at rock-soil interfaces. She applies a range of tools and approaches, including field work; experimentation; modelling; and the geochemical analyses of rocks, soils, waters, micro-organisms and vegetation.



Nadia Malaspina is an associate professor in metamorphic petrology at the University of Milano-Bicocca (Italy). She studies the mechanisms of element transfer from the subducting plate to the mantle and the role of fluids (oxidation state and speciation of crustal components) in metasomatic processes responsible for the hydration and carbonation of the mantle. Nadia adopts an integrated approach, including field work; analytical and experimental techniques (laser ablation inductively coupled plasma mass spectrometry; high pressure-high temperature experiments with piston cylinder, multi-anvil and vertical furnace at controlled f_{O_2}); and forward thermodynamic modelling.



Jill Sutton is an associate professor in the Biology Department at the University of Brest (France) and an affiliated researcher at the European Institute for Marine Science (IUEM, France). Jill is a marine biogeochemist and is interested in the evolution of marine biogeochemical cycles and the development of biogeochemical proxies, such as the natural abundance of silicon and boron stable isotopes in marine organisms.

2020 EAG COUNCIL

PRESIDENT Sigurður Gíslason (University of Iceland, Iceland)
VICE-PRESIDENT Derek Vance (ETH Zürich, Switzerland)
PAST-PRESIDENT Bernard Marty (University of Lorraine, France)
TREASURER Estelle Rose-Koga
 (Université Clermont Auvergne, France)
SECRETARY Mihály Pósfai (University of Pannonia, Hungary)
GOLDSCHMIDT OFFICERS Helen Williams (University of Cambridge, UK), Dan Frost (University of Bayreuth, Germany)

COUNCILLORS

Maud Boyet (Université Clermont Auvergne, France)
 Alberto Vitale Brovarone (University of Torino, Italy)
 Heather Buss (University of Bristol, UK)
 Kate Kiseeva (University College Cork, Ireland)
 Nadia Malaspina (University of Milano-Bicocca, Italy)
 Caroline Peacock (University of Leeds, UK)
 Encarnación Ruiz Agudo (University of Granada, Spain)
 Jill Sutton (University of Brest, France)

Early Career Councillor Sami Mikhail
 (University of St. Andrews, UK)

EAG SPONSORED OVER 25 CONFERENCES AND WORKSHOPS IN 2019

Each year, the EAG sponsors numerous small conferences, workshops and short courses around the world as part of its efforts to support training opportunities for students and early career scientists in geochemistry. The year 2019 was another exciting year in this regard, with over 25 events receiving financial support from the EAG through its various initiatives. As part of the **EAG-GS Outreach to Africa Program**, two workshops were organised by the Africa Initiative for Space and Planetary Science (AFIPS) and were held in Ghana and Egypt; outreach lecturer Prof. Hasnaa Chennaoui Aoudjehane delivered a fascinating series of lectures and workshops on meteoritics and planetary science in the Islamic Republic of Mauritania, Egypt and Tunisia. The EAG was also proud to co-sponsor the 6th SGA-SEG-UNESCO-IUGS Short Course on African Metallogeny, entitled Gold Deposits: From Exploration to Mining, which took place in the Ivory Coast in October 2019. Elsewhere in Europe, nine **EAG co-sponsored sessions** were on the program at the 2019 EGU General Assembly in Austria.

One of the most prominent EAG programs devoted to supporting training opportunities is the **EAG Conference and Short Course Sponsorship Program**, which since its launch in 2011 has directly



Participants at the Tools in Biogeochemistry workshop (Tübingen, Germany).

funded student participation at 18 member-led events across Europe, all focused on special techniques or topics in geochemistry. Three events sponsored by the program took place in August 2019.

First on the August calendar was the short course entitled Tools in Biogeochemistry, held at the University of Tübingen (Germany). Five days of lectures and practical sessions were led by international experts, and included valuable hands-on laboratory activities, during which students learnt about the use of cutting-edge analytical, spectroscopic and microscopic tools in environmental biogeochemistry and their applications in the fields of biogeochemistry, environmental chemistry and geomicrobiology. A special focus of the short course was organic matter and microbe–mineral interactions in soils and sediments and how these interactions influence toxic metal behaviour.

Next in August was DINGUE VI: Developments in Noble Gas Understanding and Expertise Workshop held at ETH Zurich (Switzerland), at which noble gas geochemists from around the world gathered together for 2½ days of discussions, talks and posters on the diverse technical and scientific aspects of noble gas geochemistry and cosmochemistry. Thanks to EAG sponsorship, eight students received travel awards to present at the meeting, one of whom, Alan Seltzer (Scripps Institution of Oceanography, California, USA), was the recipient of the Pete Burnard Award in recognition of his contribution to the analytical development and advancement of noble gas measurements. The students particularly appreciated this unique opportunity to interact and engage with scientists from across the noble gas community and to discover new developments and applications in fields outside their immediate research focus.



DINGUEVI participants (Zurich, Switzerland).

The busy August of sponsored conferences came to a close with the fourth edition of the Wageningen Soil Conference, held at Wageningen University (Netherlands), which for 2019 had the title “Understanding Soil Functions: From Ped to Planet”. A special highlight of the week was the EAG-sponsored Rising Soil Stars Science Communication Competition, in which student soil scientists were given the opportunity to pitch their research in a three-minute presentation with just a single slide for support. The ten finalists received one-on-one coaching from a professional trainer to get them primed for their performances. Congratulations to all the Rising Stars, and especially to jury winner Muhammad Aammar Tufail (University of Trento, Italy) for his talk “Sssshhhh! Bacteria Are Coming To Help You”, and audience winner Jeanne Maréchal [University of Rennes 1 (ECOBIO); Sol Paysage company, France] for her talk “Psychoanalysis of an Urban Earthworm”. Visit <https://wageningensoilconference.eu/2019/rising-soil-stars/> to find out more and to watch a video, recorded at the conference, about the Rising Stars’ experiences.



Delegates at the Wageningen Soil Conference 2019 (Wageningen, Netherlands).

In addition to these various programs, the EAG also subsidized **17 pre-Goldschmidt2019 workshops**, attended by 455 participants in Barcelona (Spain) in August 2019. Every other year, when the Goldschmidt Conference is held in Europe, the EAG covers the logistical costs associated with organising the conference workshops.

2020 EAG-SPONSORED EVENTS AND SESSIONS

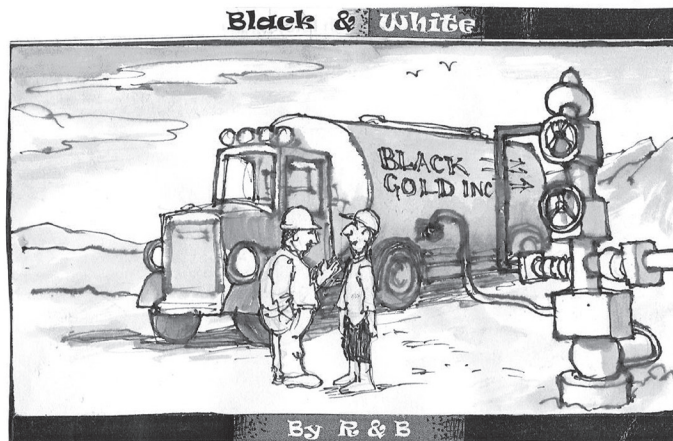
The EAG is pleased to announce that two events have been selected for support from the 2020 Conference and Short-course Sponsorship Program, providing sponsorship for up to 20 students to attend and gain valuable training and networking opportunities in these growing fields of geochemistry:

2nd International Conference on Contaminated Sediments: 14–18 June 2020, Bern, Switzerland.

8th International Clumped Isotopes Workshop: 14–17 September, Jerusalem, Israel.

The EAG is also proud to co-sponsor a diverse array of geochemistry-related sessions at the 2020 EGU General Assembly, to be held 3–8 May 2020 in Vienna (Austria); early registration deadline is 31 March 2020. View the full list of EAG co-sponsored sessions at <https://eag.eu.com/events/sessions/>.

If you are attending, please visit the EAG at booth 64 in the Entrance Hall.



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