

2023 IAG YOUNG SCIENTIST AWARD

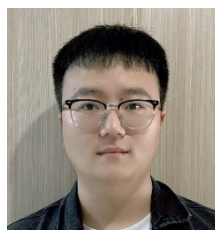
This award is made annually to scientists at an early stage in their career and undertaking research that closely reflects the goals of our Association, such as the development of innovative analytical methods or new strategies to improve data quality as applied to the chemical analysis of geological or environmental materials. The award consists of a cash prize of \$1000 US, plus registration and abstract fees for the next Goldschmidt conference.

This year we have two winners: Jing-Yao Xu (IGGCAS, Beijing, China) and Ming Yang (Zhejiang University, China). They will be presenting their research and receiving their awards at the 2023 Goldschmidt conference in Lyon, France, 9–14 July.



Jing-Yao Xu received her PhD from the University of Barcelona, Spain, and is now a postdoctoral researcher at the Institute of Geology and Geophysics, Chinese Academy of Sciences (Beijing). The main focus of her research has been the development of new reference materials and analytical methods for the microanalysis of stable isotopes of composition-variable minerals by secondary ion mass

spectrometry (SIMS) and geological applications to trace mantle composition and magma evolution. She developed new dolomite reference materials for SIMS oxygen isotope analysis and a novel accurate and rapid on-line matrix effect calibration method for dolomite O-isotope analysis. The new on-line method takes SIMS ^{18}O – ^{16}O – ^{56}Fe – ^{16}O – ^{24}Mg – ^{16}O measurements concurrently without additional Fe# values obtained by electron probe microanalysis. She used this SIMS method to determine the composition of a range of olivines from kimberlites worldwide, and her studies shed light on the modification of mantle-derived magmas via interactions with the lithospheric mantle.



Ming Yang is an assistant researcher at the Hainan Institute of Zhejiang University (China). The focus of his research has been the development of new reference materials (RMs) and setting up analytical protocols for the isotope analysis of accessory minerals using LA-MC-ICP-MS. Ming got hooked on geoanalytical research during his experience running the laboratory as a student assistant. During his

PhD, he started to work intensively on geochronology studies of W–Sn deposits. He set up a new protocol for wolframite and cassiterite U–Pb dating and developed new wolframite and cassiterite RMs. The resulting methodology and RMs enabled him and his co-workers to solve the critical question of the timing and duration of hydrothermal W–Sn mineralization. He documented the Lu–Hf isotopic compositions of some Chinese geological rock RMs and evaluated their homogeneity. He has also developed several new allanite RMs for in situ U–Th–Pb dating and Sm–Nd isotope analysis.

More details are available at www.geoanalyst.org/young-scientist-award/.

GEOANALYSIS 2024

The IAG is the primary supporter of the Geoanalysis series of conferences, which are normally held every three years. From the beginning, Geoanalysis conferences have encouraged the participation of younger scientists by offering bursaries and providing low-cost accommodation. The 12th International Conference on the Analysis of Geological and Environmental Materials (Geoanalysis 2024) will take place from 15 to 19 September 2024 and will be hosted by the China University of Geosciences (CUG) in Wuhan. CUG is one of the top universities affiliated with the Ministry of Education of China. Its Geology and Geological Resources & Engineering programs have both been ranked as national number one disciplines.



**GEOANALYSIS
2024**

15th to 19th SEPTEMBER / WUHAN

The Geoanalysis 2024 meeting will be an important forum for the exchange of knowledge on instrumentation, reference materials, and new developments in analytical geochemistry. The program will include both oral and poster sessions as well as numerous workshops and field trips. Apart from scientific sessions, you will be given an opportunity to enjoy the culture and history of the Hubei region.

Save the date and meet us during the next triennial gathering of the IAG in 2024. Read more: <http://geoanalysis2024.aconf.org/>.

NEW MEMBERS OF THE IAG COUNCIL

At the IAG General Meeting in Freiberg, Germany, in August 2022, results from the election of the new IAG Council were announced. For the period from 2022 to 2024, the IAG's governing Council is as follows.

PRESIDENT: Jacinta Enzweiler
(University of Campinas, Brazil)

VICE-PRESIDENT: Regina Mertz-Kraus
(University of Mainz, Germany)

HONORARY SECRETARY: Jennifer Cook
(British Geological Survey, UK)

HONORARY TREASURER: Chris Jackson
(Kent, UK)

IMMEDIATE PAST PRESIDENT: Thomas Meisel
(Montanuniversität Leoben, Austria)

Council Members:

Wei Chen (China University of Geosciences, Wuhan, China)

Charles Gowing (British Geological Survey, UK)

Dorrit Jacob (Australian National University, Canberra, Australia)

Mike Pribil (U.S. Geological Survey, USA)

Martin Rosner (Isoanalysis, Germany)

Alicja Wudarska (Institute of Geological Sciences of the Polish Academy of Sciences, Warsaw, Poland)