



International Association of Geochemistry

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THE 3rd IAGC INTERNATIONAL CONFERENCE



The 3rd IAGC International Conference will be held in Cagliari, Italy on 16–21 June 2025. This meeting will include the 18th Water-Rock Interaction Working Group Meeting (WRI-18), the 15th Applied Isotope Geochemistry Working Group Meeting (AIG-15), Urban Geochemistry sessions, and a celebration of the 20th anniversary of *Elements Magazine*.

The IAGC-3 Conference will be hosted by Giovanni De Giudici at the University of Cagliari, Italy. Professor De Giudici is a mineralogist, a member of the Italian Society of Mineralogy and Petrology, Geological Society, IAGC, and a chairman of the IMA's Biominerals-and-the-Environment Working Group. He joined the Earth Science Department of the University of Cagliari in 2002 and is excited to host the next IAGC international meeting at the university! Navigate to sites.unica.it/wri-18/ to learn more about the upcoming meeting.

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IAGOD HONORARY TRAVELLING LECTURER



We're pleased to introduce **Prof Huayong Chen** as the IAGOD distinguished travelling lecturer for 2024–2026. Prof Chen is a full professor of economic geology in the Guangzhou Institute of Geochemistry, Chinese Academy of Sciences (GIG-CAS). He earned his degrees from Peking University, China, followed by his PhD from Queen's University at Kingston, Canada, after which he worked as a postdoc research fellow at CODES, University of Tasmania, Australia. He became professor at GIG-CAS in 2012 and Chief Editor of *Ore Geology Reviews* in 2019.

Prof Chen researches ore formation in arc-basin systems at active continental margins. His studies include porphyry Cu-epithermal Au deposits, skarn deposits, and VMS deposits in the Palaeozoic central Asian orogenic belt and the Mesozoic Andean belt. A particular focus has been the relationships between basin inversion and the formation of Fe-Cu-Au (IOCG) deposits in both central Asian and Andes orogenic belts. Prof Chen will be offering the following lectures:

- 1) Why they are special? – The Paleozoic-Mesozoic IOCG deposits formed during basin inversion
- 2) Significance of overprinting in porphyry Cu deposits – implications for exploration

Please email webmaster@iagod.org to host the travelling lecturer.

IAGC – APPLIED GEOCHEMISTRY

Emerging Investigator Series



Mang Lin is a professor in the State Key Laboratory of Isotope Geochemistry at Guangzhou Institute of Geochemistry, Chinese Academy of Sciences (GIGCAS). He holds a PhD in chemistry from University of California San Diego (USA) and MSc and BSc degrees in environmental sciences from Sun Yat-Sen University (China). Prior to joining GIGCAS, he was a JSPS postdoc fellow at Tokyo Institute of Technology (Japan). Lin's expertise and research interests are in analytical and physical chemistry related to multiple oxygen and sulfur isotope systematics and their applications in Earth and planetary sciences. He received the D.F. Hou award, CIFAR Global Scholar, and NSFC award of distinguished young scientists. His recent paper entitled "40 years of theoretical advances in mass-independent oxygen isotope effects and applications in atmospheric chemistry: A critical review and perspectives" was published in the special issue "Atmospheric Geochemistry" of *Applied Geochemistry*, selected as the Editors' Choice, and featured together with the Emerging Investigator Series. Congratulations Dr. Lin!

Lin M, Theimens MH (2024) 40 years of theoretical advances in mass-independent oxygen isotope effects and applications in atmospheric chemistry: a critical review and perspectives. *Applied Geochemistry* 161: 105860, doi: 10.1016/j.apgeochem.2023.105860



Shohei Hattori is a tenured associate professor at the International Center for Isotope Effects Research Center (ICIER), Nanjing University, China. He is Japanese and earned his PhD from the Tokyo Institute of Technology (Tokyo Tech), Japan. Before joining Nanjing University, he served as an assistant professor at Tokyo Tech from 2013 to 2021. Shohei is an isotope geochemist with a broad interest in various topics within environmental geochemistry, including atmospheric chemistry, biogeochemistry, and cryosphere sciences. His motivation extends beyond specific "spheres" (such as the atmosphere, biosphere, cryosphere, etc.) and "phases" (gas, liquid, and solid phases) to encompass the Earth system. His original research paper, titled "Latitudinal difference in sulfate formation from methanesulfonate oxidation in Antarctic snow imprinted on ¹⁷O-excess signature" was published in *Applied Geochemistry*. This paper is featured in the Emerging Investigator Series and has been selected as the Editors' Choice. Congratulations Dr. Hattori!

Hattori S, Ishino S, Suzuki N, Nakazawa F, Oyabu I, Tsutaki S, Hirabayashi M, Noro K, Takenaka N, Kawamura K, Yoshida N, Motoyama H (2024) Latitudinal difference in sulfate formation from methanesulfonate oxidation in Antarctic snow imprinted on ¹⁷O-excess signature. *Applied Geochemistry* 162: 10590, doi: 10.1016/j.apgeochem.2024.105901