

## Special Issue

# Recent Developments in Ar/Ar and U-Th-Pb Geochronology and Its Applications

### Message from the Guest Editors

Over the last 40–50 years, significant advances have been made in the measurement, analysis, and applications of U-Th/Pb and Ar isotopes through improvements in imaging, data analysis, mass-spectrometer technology, and the micro/nanoanalysis of minerals. This Special Issue invites submissions in the fields of U-Th/Pb and Ar/Ar geochronology which highlight any of these improvements and advances. Studies may be conducted in any field of geology (e.g. petrology, economic geology, structural geology, tectonics) and may be multidisciplinary in scope. Studies that feature novel applications or new methodologies are also particularly encouraged.

### Guest Editors

Prof. Dr. Jim Lee

Department of Geological Sciences, University of Saskatchewan, Saskatoon, SK S7N 5A2, Canada

Prof. Dr. Ching-Hua Lo

Department of Geosciences, National Taiwan University, Taipei 106, Taiwan

### Deadline for manuscript submissions

closed (22 September 2023)



## Minerals

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*Minerals*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[minerals@mdpi.com](mailto:minerals@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

*Minerals* welcomes submissions that report basic and applied research in mineralogy. Research areas of traditional interest are mineral deposits, mining, mineral processing and environmental mineralogy. The journal footprint also includes novel uses of elemental and isotopic analyses of minerals for petrology, geochronology and thermochronology, thermobarometry, ore genesis and sedimentary provenance. Contributions are encouraged in emerging research areas such as applications of quantitative mineralogy to the oil and gas, manufacturing, forensic science, climate change, geohazard and health sectors.

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### Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky

Bayerisches Geoinstitut, University Bayreuth, D-95440 Bayreuth,  
Germany

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.7 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).