

International Workshop on metamorphic rocks and ore deposits: examples in Shikoku (Japan) and across the globe

February 19, 2021

Center for Advanced Marine Core Research
Kochi University, Monobe campus / Online

Scope

This international workshop on "Metamorphic rocks and ore deposits: examples in Shikoku and across the globe" aims to be a starting point for discussion and collaborative research on metamorphic rocks, iron sulfide minerals and ore deposits in Shikoku Island (Japan) and other settings in the world. The scientific program includes presentations on the geology and rheology of the Sanbagawa belt (Shikoku), and rock magnetic studies on metamorphic rocks and ore deposits. Discussion time is also scheduled for brainstorming, Q&A, and planning possible collaborative research.

Information and Registration

Date: February 19 (Friday), 2021
Time: 9:00 - 16:30
Venue: Kochi Core Center / Online (Zoom)
Language: English / Japanese
Registration: free
* Students are welcome to register.

Deadline to register: February 14 (Sunday), 2021
***Online registration is mandatory.**

**Please contact Myriam Kars (mkars@kochi-u.ac.jp)
for information and registration.**

Scientific Program (subject to change)

- Geologic structure of Kiyomizu Tectonic Zone in Motoyama area, Kochi, Japan
Eiichi Nagano (Kochi University, Japan)
- Experimental investigation of fault weakening and embrittlement induced by metamorphic reactions at subduction zones
Keishi Okazaki (Jamstec, Japan)
- Strain localization at the brittle-ductile transition: geometries and role of fluids. An example from Elba (Italy)
Samuele Pepeschi (Jamstec, Japan)
- Coherent-type accretionary complex origin of Besshi-type bedded cupriferous iron sulfide deposit, Cretaceous Sanbagawa belt
Ken Nakayama (Kochi University, Japan)
- Magnetic properties of Cu-Ni sulphide ores
Alexandra Abrajevitch (Ehime University, Japan)
- Pyrrhotite-hosted magnetic overprints and aeromagnetic anomalies, Eastern Australia
Robert Musgrave (New South Wales Geological Survey, Australia) (TBC)
- Pyrrhotite in slates: a post 320°C cooling paleomagnetic record
Charles Aubourg (Université de Pau et des Pays de l'Adour, France)
- Rock magnetic study in the Sanbagawa belt, central Shikoku, Japan
Myriam Kars (Kochi University, Japan)