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[EV-04] Lunchtime Special Lecture

Fri. May 31, 2024 12:30 PM - 1:40 PM Stage Area (Exhibition Hall 6, Makuhari Messe)

World renowned scientists will present a series of Special Lectures in Earth and planetary sciences for students and early-career researchers across disciplines during lunch breaks of the Meeting.

This year's lectures are the winners of the 5th Nishida Award.

1:05 PM - 1:40 PM

[EV04-10] Synchrotron X-ray studies on the structure and properties of magmas under pressure

Yoshio Kono¹ (1. Kwansei Gakuin University)

Magma are essentially high-pressure objects that are formed at depth in the Earth. Therefore, knowledge of the structure and physical properties of magmas under pressure is essential to understand the behaviors of the magmas in the Earth's interior. In this talk, I will introduce recent developments in high-pressure experiments about melts and glasses by utilizing synchrotron X-ray techniques, and the studies of the structure and physical properties of magmas under pressure.