

---

EVENT | EVENT | EVENT

## [EV-04] Lunchtime Special Lecture

Sun. May 26, 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

### [EV04-02]Using Neutrons to Solve Solid Earth Science Problems

Asami Sano-Furukawa<sup>1</sup> (1. J-PARC Center, Japan Atomic Energy Agency)

The unique properties of neutrons, such as their high sensitivity to light elements such as H and Li and their ability to distinguish isotopes, make neutron scattering experiments a powerful tool in various research areas. In this lecture, I will discuss examples of research utilizing the features of neutron scattering as a probe, including high-temperature and high-pressure experiments in which I have been involved and how we can use it to solve problems in solid earth science.