

**Session Program**

**13-14 Dec 2025**

**ICMaSS 2025 Nuclear Emulsion Workshop**

***[NE-002] Nuclear Emulsion Workshop 2***

## Saturday 13 December

10:15

### [NE-002] Nuclear Emulsion Workshop 2: [NE-002] Nuclear Emulsion Workshop 2

Session | Convener: Naotaka Naganawa

10:15–10:30

#### New Binding Energy Determinations of 3 $\Lambda$ H, 4 $\Lambda$ H, and Double-Strangeness Hypernuclei via Nuclear Emulsion and Deep Learning

Speaker

Ayumi Kasagi

10:30–10:45

#### Production of nuclear emulsion mixed with Lithium and Boron to confirm the ground state of the Xi hypernucleus

Speaker

Kazuma Nakazawa

10:45–11:00

#### GRAINE Project: Status of Analysis for the 2023 Balloon Experiment and Future Prospects

Speaker

Ikuya Usuda

11:00–11:15

#### Local Variations of Cosmic Ray East-West Effect at 35 km Altitude in GRAINE 2023 Balloon Experiment

Speaker

Shogo Nagahara

11:15