

**Session Program**

**13-14 Dec 2025**

**ICMaSS 2025 Nuclear Emulsion Workshop**

***[NE-005] Nuclear Emulsion Workshop 5***

## Saturday 13 December

15:15

### [NE-005] Nuclear Emulsion Workshop 5: [NE-005] Nuclear Emulsion Workshop 5

Session | Convener: Osamu Sato

15:15-15:30

**Measurement of the sensitivity of crystals of super-fine-grained nuclear emulsion of ions with non-relativistic velocity.**

**Speaker**

Natsuki Chin

15:30-15:45

**Application of Triethanolamine Sensitization to Improve Detection Efficiency in Fine- Grained Nuclear Emulsions**

**Speakers**

Takashi Asada, Takashi Asada

15:45-16:00

**Observation of quantum states of ultracold neutrons in the gravitational field using ultracold neutron emulsion**

**Speaker**

Naotaka Naganawa

16:00-16:15

**Pioneering advanced research through  $\alpha$  and  $\beta$  ray measurement using nuclear emulsions**

**Speaker**

Tsutomu Fukuda

16:15-16:30

**Visualization of Silver Grain Structures in Nuclear Emulsions Using X-ray Ptychography toward Understanding Photographic Development Mechanisms**

**Speaker**

Jyunya Yoshida

16:30