

**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