Session Program

13–14 Dec 2025

ICMaSS 2025 Nuclear Emulsion Workshop

[NE-P-001] Nuclear Emulsion Workshop P1

Saturday 13 December

16:30

[NE-P-001] Nuclear Emulsion Workshop P1: [NE-P-001] Nuclear Emulsion Workshop P1
Session

16:30–16:34   **Neutrino measurements and short-lived particle searches with FASER**

Speaker
Keiko Moriyama

16:34–16:38

Timestamp test of emulsion gamma-ray telescope at Mt. Norikura Cosmic-ray Observatory

Speaker
Naho Murai

16:38–16:42

Identification of the tracks of heavy nuclei with machine learning method in the GRAINE 2023 balloon-borne experiment

Speaker
Yuki Sugi

16:42–16:46

Development of a Microscope System for the High-Precision Measurement of Cosmic Gamma Rays with the Nuclear Emulsion Telescope

Speaker
Ibuki Yasuda

16:46–16:50

Idea of "Emulsion School" for Young Researchers hosted by Nagoya University

Speakers
Hiroki ROKUJO, Hiroki Rokujo

16:50–16:54

Developement of the dosimetry technique for FLASH radiotherapy with nuclear emulsion

Speaker
Leona Suzui

16:54–16:58

Evaluation by simulation of the search experiment for neutrinoless double beta decay using nuclear emulsion plates and development of thick nuclear emulsion plates

Speaker
Marin Takano

16:58–17:02

Analysis of Emulsion Detector Data from Runs 4 and 5 of the SND Experiment

Speaker
Kenji Obayashi

17:02–17:06

Development of a double-concentration manufacturing method and its performance evaluation for large-size silver halide crystal nuclear emulsions for the NINJA experiment

Speaker
Yuki Hayasaka

17:06–17:10

Development of Automatic Track Readout Technology for Nuclear Emulsions

Speaker
Hozuki Kawai

17:10–17:14

Development of high-sensitivity nuclear emulsions focusing on silver bromide crystal size and chemical sensitization

Speaker
Hiroki Horii

17:14–17:18   **Development of reconstruction of beta-ray tracks in nuclear emulsion**

Speaker
Sohichi Takeshita

17:18–17:22

Status of Charm Particle Analysis in Proton-Nucleus Interactions at the NA65/DsTau Experiment

Speaker
Kazuho Matsuyama

17:22–17:26

Development of a High-Speed Detection Method for Alpha Particle Tracks in Nuclear Emulsion Using Machine Learning

Speaker
Tsukasa Nishikiori

17:26–17:30   **Subsurface Resource Exploration Using Cosmic Ray Imaging**

Speakers
Kunihiro Morishima, Kunihiro Morishima

17:30