

Session Program

29 September 2025 to 3 October 2025

15th International Conference on Hypernuclear and Strange Particle Physics (HYP2025)

Poster

Tokyo, Koshiba-Hall
Hongo-Campus, The University of Tokyo, Tokyo, Japan

Tuesday 30 September

18:00

Poster: Poster

Poster Session | **Location:** Tokyo, Koshiba-Hall, Hongo-Campus, The University of Tokyo, Tokyo, Japan

Precise Determination of the Hypertriton Binding Energy from the $\Lambda^3\text{H}/\Lambda^4\text{H}$ Production Ratio in the ${}^3,4\text{He}(\text{K}^-, \pi^0)\Lambda^3,4\text{H}$ Reaction

Speaker

Takaya Akaishi

Commissioning of magnetic spectrometer for the Λp scattering experiment at SPring-8

Speaker

Akari Haratani

Performance evaluation of the water Cherenkov counters for the upcoming hypernuclear missing mass spectroscopy at Jefferson Lab

Speaker

Kaito Higashimoto

Development of the Data Acquisition System and the Analysis Status of the Λp Scattering Experiment at SPring-8

Speaker

Rintaro Kurata

Evaluation of Radiation Dose using Geant4 Monte Carlo Simulator in the JLab Hypernuclear Spectroscopy

Speaker

Jin Takahashi

The Development of a New Aerogel Cerenkov Detector for the Spectroscopic Studies of Kaonic Nuclei

Speaker

Yuto Tsutsumi

Development of Focal Plane Detector for Hypernuclear Decay Pion Momentum Measurement at Jefferson Lab

Speaker

Shunsuke NIWA

Analysis of recoil proton detector system for Lambda p scattering experiment at SPring-8

Speaker

Miyu Yoshida

Development of New Acrylic Cherenkov counter and Performance of Particle Identification for Λ hypernuclear spectroscopy with the (π^+, K^+) reaction (J-PARC E94 Experiment)

Speaker

Tomohiro Taniguchi

High resolution spectroscopy of the ΣN cusp by using the $d(K^-, \pi^-)$ reaction at J-PARC

Speaker
Ruri Sasaki

Precision Measurement of Kaonic Deuterium X-ray with the SIDDHARTA-2

Speaker
Kairo Toho

Exploring Chiral Symmetry Restoration via In-Medium K^+ -Nucleus Scattering at Low Energies

Speaker
Atsushi Tokiyasu

Application of Machine Learning for the discrimination of hypernuclear signals in the WASA-FRS experiment

Speaker
David Calonge

Development of a Beam Veto Counter for the J-PARC E45 Experiment

Speaker
Jae Jin Lee

Extending the limit of A for (anti)hypernuclei analyses from 3 to 4 at the LHC

Speaker
Janik Ditzel

 p - Ω correlation function measurements using Machine Learning with ALICE Pb-Pb collisions

Speaker
Ryoka Tokumoto

Photonproduction of hypertriton

Speaker
Tomohiro Yoshioka

20:00