

**Session Program**

**8 December 2025**

**Nuclear and Hadron Physics Laboratories  
Joint Workshop 2025**

***Hadron Theory***

Institute of Science Tokyo, Main Bldg. 290

# Monday 8 December

10:00

## Hadron Theory: Jido Lab

**Session** | **Location:** Institute of Science Tokyo, Main Bldg. 290

10:00–10:18

### Pion Properties in Isospin-Asymmetric Nuclear Matter Using In-Medium Chiral Perturbation Theory

**Speaker**

Mr Kihong Kwon (M2)

10:15–10:33

### The Source of Flavor SU(3) Symmetry Breaking of Axial Vector Mesons as Chiral Partners of Vector Mesons

**Speaker**

Mr Yoshito Nakane (M2)

10:30–10:45

### Configuration Mixing in Mass Spectra of Bottom Baryons Under Strong Magnetic Field

**Speaker**

Mr Taku Maeda (M2)

10:54