

# High precision hypernuclear mass measurement with decay pion spectroscopy –from MAMI to JLab– (invited talk)

*Friday, April 4, 2025 3:40 PM (30 minutes)*

Hypernucleus is a many-body system with strangeness and is an important probe for discussing nuclear matter based on  $SU_f(3)$ .

In recent years, there have been significant advancements in experimental and theoretical studies for few-body hypernuclei. Discussions of the charge symmetry breaking effect and Sigma mixing effect are currently underway.

**Presenter:** NAGAO, Sho (University of Tokyo)

**Session Classification:** Plenary Session