

Hadron in Nucleus 2025 (HIN25)

Wednesday, April 2, 2025

Parallel Session (B) - Panasonic Hall (2:00 PM - 4:10 PM)

-Conveners: Masakiyo Kitazawa

time	[id] title	presenter
2:00 PM	[9] Lattice QCD studies on Kbar-N interactions and Lambda(1405) in the flavor SU(3) limit	MURAKAMI, Kotaro
2:25 PM	[14] Dbar-N interaction from Lattice QCD	YAMADA, Wren
2:45 PM	[15] Exploring Baryon-Baryon Interactions Using Lattice QCD	DHINDSA, Navdeep Singh
3:10 PM	[17] Two-color QCD as a laboratory to explore diquark dynamics in medium	SUENAGA, Daiki
3:30 PM	[49] Effect of Coulomb interaction on bound state by strong interaction	UNO, Chisato
3:50 PM	[48] Compositeness of near-threshold states with Coulomb plus short range interaction	KINUGAWA, Tomona

Parallel Session (B) - Panasonic Hall (4:30 PM - 5:50 PM)

-Conveners: Takayasu Sekihara

time	[id] title	presenter
4:30 PM	[47] Status of Ξ -atomic X-ray hunting at J-PARC (invited talk)	TANIDA, Kiyoshi
5:00 PM	[50] Antikaon absorption in the nuclear medium: the role of hadron self-energies and implications for kaonic atoms (invited talk,remote)	OBERTOVA, Jaroslava
5:30 PM	[16] Threshold cusp structure in multi-channel scattering	SONE, Katsuyoshi

Thursday, April 3, 2025

Parallel Session (B) - Panasonic Hall (11:50 AM - 1:00 PM)

-Conveners: Natsuki Tomida

time	[id] title	presenter
11:50 AM	[31] Kaonic Nucleus Search via $^{12}\text{C}(K^{-}, p)$ Reaction at J-PARC	OURA, Fumiya
12:10 PM	[32] Antinucleon-nucleon/nucleus interactions studied with antiprotonic atom X-ray spectroscopy and scattering	FUJIOKA, Hiroyuki
12:35 PM	[33] Strangeness Studies with HADES within the FAIR Phase-0 Program	TAYLOR, Jenny

Parallel Session (B) - Panasonic Hall (2:15 PM - 4:00 PM)

-Conveners: Satoru Hirenzaki

time	[id] title	presenter
2:15 PM	[38] Exploring the U(1) axial anomaly in extreme QCD environments: model analysis of topological susceptibility and comparison with lattice QCD observations	KAWAGUCHI, Mamiya
2:40 PM	[39] Two-flavored heavy and heavy-light mesons nuclear bound states	ZEMINIANI, Guilherme
3:00 PM	[40] Mesic-nuclei bound states	MONDAL, Arpita
3:20 PM	[41] The study for the $K\bar{K}$ -NN state in photoproduction with LEPS2 spectrometer	KOBAYAKAWA, Ryo
3:40 PM	[42] High precision spectroscopy of pionic atoms in tin isotopes by (d, ^3He) reaction at RIBF	MATSUMOTO, Shota

Friday, April 4, 2025

Parallel Session (B) - Panasonic Hall (1:30 PM - 2:55 PM)

-Conveners: Natsuki Tomida

time	[id] title	presenter
1:30 PM	[63] High-Precision Decay Pion Spectroscopy at MAMI -- progress in mass calibration with novel beam energy measurement --	NISHI, Kotaro
1:50 PM	[65] Nuclear Matter properties from the ladder resummation method	ALARCON, Jose Manuel
2:10 PM	[66] Neutron skin	PALCZEWSKI, Michał
2:30 PM	[67] Diffusion dynamics of QCD matter in nuclear collisions	MONNAI, Akihiko