

3月12日

Y324, Y-building

9:30-10:00	Registration		
10:00-10:10	T. Fukuda	Osaka E-C. Univ.	Opening address
	Chair	T. Fukuda	
10:10-10:50	S.N. Nakamura	Tohoku Univ.	Spectroscopy of Lambda Hypernuclei
10:50-11:20	M. Isaka	RCNP	Hypernuclear structure with antisymmetrized molecular dynamics
11:20-11:50	Y. Funaki	Beihang Univ.	Clusters in ^{12}C and ^{13}C
11:50-12:20	A. Umeya	NIT	P-shell hypernuclear structure and its production rates based on a parity-mixing model
12:20-13:20	Lunch		
	Chair	Z. Ren	Nanjing Univ.
13:20-13:50	H. Nemura	Tsukuba Univ.	Lambda-N and Sigma-N interactions from 2+1 lattice QCD
13:50-14:20	T. Harada	Osaka E-C. Univ.	Production of hypernuclei
14:20-14:50	R. Honda	Osaka Univ.	Recent progress of search for ^6Li -Lambda via the $^6\text{Li}(\pi^-, K^+)X$ reaction in J-PARC E10
14:50-15:20	H. Fujioka	Kyoto Univ.	A plan to search for a tetra-neutron state in the $^4\text{He}(\pi^-, \pi^+)$ reaction at J-PARC
15:20-15:50	A. Tokiyasu	Tohoku Univ.	Hypernuclear spectroscopy via the real photo-induced reaction
15:50-16:10	Break		
	Chair	H. Noumi	RCNP/KEK
16:10-16:50	T. Nagae	Kyoto Univ.	Spectroscopy of $S=-2$ systems with (K^-, K^+) reaction
16:50-17:20	T. Motoba	Osaka E-C. Univ.	Production and structure of Ξ^- -hypernuclei
17:20-17:50	K. Sasaki	YITP	QCD simulations on the $S = -2$ baryon-baryon interaction
17:50-18:20	L-S.Geng	Beihang Univ.	A relativistic formulation of baryon-baryon interactions in chiral perturbation theory
18:20-18:50	H. Ekawa	Kyoto Univ.	Experimental study of double hypernuclei with a hybrid emulsion method at J-PARC

3月13日

Ekimae campus

Chair	E. Hiyama	RIKEN	
9:00–9:40	Q. Zhao	IHEP	Understanding the shortened lifetime of Hypertriton
9:40–10:10	S. Nagao	Tohoku Univ.	Design of an experiment for hypernuclear lifetime measurement with photon beam
10:10–10:30	Break		
Chair	T. Harada	Osaka E-C. Univ.	
10:30–11:10	F. Sakuma	RIKEN	Experimental studies on the $K\bar{n}$ -N interaction
11:10–11:40	T. Sekihara	JAEA	On the structure observed in the in-flight $^3\text{He} (K^-, \Lambda p) n$ reaction at J-PARC
11:40–12:10	Renli Xu	Nanjing Univ.	Dynamics of kaonic nuclei in an improved quark mass density-dependent model
12:10–12:40	K. Inoue	RCNP	Analysis status of the $d(K^-, n)p^+ \Sigma^+ \rightarrow \Lambda^0$ and $d(K^-, p) \pi^- \Sigma^0$ at J-PARC K1.8BR beam line
12:40–13:30	Lunch		
Chair	Q. Zhao	IHEP	
13:30–14:20	H. Ohnishi	RIKEN	Φ meson in nucleus at J-PARC
14:20–14:50	Y. Yamaguchi	RIKEN	Quark mass dependence of H-dibaryon in $\Lambda\bar{\Lambda}$ scattering
14:50–15:20	X-H. Zhong	Hunan Univ.	KN scatterings and hyperon resonance
15:20–15:40	Break		
Chair	T. Nagae	Kyoto Univ.	
15:40–16:20	H. Noumi	RCNP	Baryon Spectroscopy with Heavy Flavors at J-PARC
16:20–16:50	Y. Ikeda	RCNP	Charm hadron interactions from lattice QCD

16:50–17:20	S. Yasui	TIT	Kondo effect for charm hadrons in nuclear matter
17:20–17:50	T. Miyamoto	YITP	Lambda_c N interaction from lattice QCD and Lambda_c nuclei
17:50–18:20	T. Hyodo	YITP	Universal physics of two neutrons with one flavored meson

18:30 Workshop dinner

3月14日

Ekimae campus

Chair	H. Tamura	Tohoku Univ.	
9:00–9:40	A. Ohnishi	YITP	Recent developments in strangeness nuclear physics and the hyperon puzzle
9:40–10:10	R. Xu	Peking Univ.	Strangeness in Compact Stars
10:10–10:40	H. Togashi	RIKEN	Hyperon stars at zero temperature with the variational method

10:40–11:00 Break

Chair	Y. Ma	CAS	
11:00–11:30	J. Hu	Nankai Univ.	The strangeness quark mean field theory
11:30–12:00	C–J. Xia	CAS	Quark matter in compact stars: implication from recent observations
12:00–12:30	Y. Yamamoto	RIKEN	B–B interaction and neutron star EOS

12:30–13:30 Lunch

Chair	X–R. Zhou	East China Normal Univ.	
13:30–14:10	Y. Ma	CAS	Strangeness production in RHIC beam energy scan
14:10–14:40	P. K. Saha	JAEA	Fesibility studies of high intensity heavy ion beam acceleration in J–PARC
	E. Hiyama	RIKEN	Closing