

International Workshop on Hadron and Nuclear Physics 2017

Dec.18 (Mon) - Dec. 22 (Fri), 2017, RIKEN, Wako, Japan

Dec. 18 (Mon)

Plenary	Nishina Hall	
9:30-10:00	Registration	
Chair	M. OKA	
10:00-10:15	M. OKA (Welcome address)	
10:15-10:45	Y. MA	Hypernuclear physics from view point of heavy ion experiment
10:45-11:15	T. TAMAGAWA	TBA
11:15-11:45	S. NAGATAKI	Massive Star Explosions & Nucleosynthesis
11:45-12:15	Y. SEKIGUCHI	GW170817: A Modelling Based on Numerical Relativity
<i>12:15-14:00</i>	<i>Lunch</i>	
Parallel 1	Nishina Hall	
Chair:	J. HU	
14:00-14:30	M. ITO	Evidence of enhanced 3α radius probed by nuclear reaction
14:30-15:00	M. NAKAO	Coulomb shift in two-center cluster systems
15:00-15:30	A. SCORDO	Development of a high precision X-ray spectrometer for diffused sources with HAPG crystals in the 2-20 keV range: the VOXES experiment
Parallel 2	Frontier Research Laboratory 3F	
Chair:	A. DOTE	
14:00-14:30	J. LEE	Structure of $Be_{9-\Lambda}$ with $\alpha\alpha\Lambda$ three-body model
14:30-15:00	H. NGO	The Equation of State of the hot beta-stable matter of proto-neutron star
15:00-15:30	L. XIAO	Strong and radiative decays of the doubly charmed baryons
<i>15:30-16:00</i>	<i>Break</i>	
Parallel 1	Nishina Hall	
Chair:	D. SKOUPIL	
16:00-16:30	K. TANIDA	Proposed measurements on exotic Λ^* resonances
16:30-17:00	D. JIA	Dynamical mass of quark and hadron spectrum
17:00-17:30	Y. LIU	Couplings between heavy quarkonia and heavy-light mesons
Parallel 2	Frontier Research Laboratory 3F	
Chair:	S. YASUI	
16:00-16:30	J. KIM	Mass splittings of heavy baryons within the SU(3) chiral quark-soliton model
16:30-17:00	R. CHEN	Searching for possible Ω_c -like molecular states from $\Xi_c^* \bar{K} / \Xi_c \bar{K}^*$ interaction
17:00-17:30	G. YANG	Chiral Quark Model study of 5-quark systems

Dec. 19 (Tue)

Plenary	Nishina Hall	
Chair:	A. HOSAKA	
9:00-9:30	A. DOTE	Investigation of the K-pp system with a coupled-channel complex scaling method using a chiral SU(3)-based $K\bar{N}$ potential
9:30-10:00	A. LIMPHIRAT	Production of K^+p , $K^+\bar{p}$, K^+pp and $K^+\bar{p}\bar{p}$ in pp collisions and interpretation of the $\Lambda(1405)$ resonance
10:00-10:30	G. MEHER	Antikaon deuteron universality in low-energy Effective Field Theory
<i>10:30-11:00</i>	<i>Break</i>	
11:00-11:30	S. NAM	The role of pomeron, odderon, and nucleon resonance in phi-meson photoproduction
11:30-12:00	S. YASUI	Exotic doubly-charmed meson production in high-energy electron-positron collisions
12:00-12:30	T. EZOE	Kaon-nucleon systems and $\Lambda(1405)$ in the Skyrme model
<i>12:30-14:00</i>	<i>Lunch</i>	
Plenary	Nishina Hall	
Chair:	H. KIM	
14:00-14:30	W. HORIUCHI	Correlated Gaussian approach to kaonic nuclear and atomic systems
14:30-15:00	C. XU	Alpha cluster formation and decay in nuclei
15:00-15:30	T. NAKAMURA	Correlated neutron states near and beyond the neutron drip line
<i>15:30-16:00</i>	<i>Break</i>	
16:00-16:30	C. CURCEANU	Experiments with low-energy kaons at the DAFNE Collider in Italy: kaonic atoms and kaon-nuclei interaction studies
16:30-17:00	J. AHN	Search for the H-dibaryon near $\Lambda\bar{\Lambda}$ and Ξ^+p thresholds at J-PARC
17:00-17:30	M. NARUKI	TBA
<i>18:00</i>	<i>Workshop Dinner</i>	

Dec. 20 (Wed)

Plenary	Nishina Hall	
Chair:	C. CURCEANU	
9:00-9:30	J. HU	The strangeness system in quark mean field model
9:30-10:00	S. NAGAO	Progresses of few-body hypernuclear measurements with electro-photo production
10:00-10:30	W. KIM	Status and Results from Recent JLab CLAS6 DVCS Experiments
<i>10:30-11:00</i>	<i>Break</i>	
11:00-11:30	M. ISAKA	Impurity effects in hypernuclei with antisymmetrized molecular dynamics
11:30-12:00	T. KAWABATA	Alpha inelastic scattering and cluster structures in stable and unstable nuclei
12:00-12:30	T. MATSUMOTO	Borromean Feshbach resonance in ^{11}Li studied via $^{11}\text{Li}(p,p')$
<i>12:30-14:00</i>	<i>Lunch</i>	
Plenary	Nishina Hall	
Chair:	Y. MA	
14:00-14:30	H. KIM	Tetraquarks in light mesons and the role of spin-1 diquark in their formation
14:30-15:00	J. HE	Hidden-strange pentaquarks in molecular state picture and their photoproduction
15:00-15:30	B. ZHOU	Quark mass dependence of the $P_c(4380)$ mass
<i>15:30-16:00</i>	<i>Break</i>	
Chair:	U. YAKHSHIEV	
16:00-16:30	D. SAMART	Large- N_c operator analysis of hyperon-nucleon interactions in $SU(3)$ chiral effective field theory
16:30-17:00	J. YOSHIDA	J-PARC E07, systematic study of double strangeness nuclei with hybrid emulsion method
17:00-17:30	D. SKOUPIL	Electromagnetic Production of $K + \Lambda$ off Proton
17:30-18:00	A. ISSADYKOV	Study of B_c decays into charmonia and D mesons

Dec. 21 (Thu)

Plenary	Nishina Hall	
Chair:	T. DOI	
9:00-9:30	Y. IKEDA	Exotic hadrons from lattice QCD
9:30-10:00	P. GUBLER	The phi meson in nuclear matter - recent results
10:00-10:30	U. YAKHSHIEV	Properties of in-medium nucleons, nuclei and neutron stars
10:30-11:00	<i>Break</i>	
11:00-11:30	L. GENG	Recent development in chiral hyperon-nucleon interactions
11:30-12:00	H. TOGASHI	Variational approach to hot and dense matter in compact stars
12:00-12:30	H. KIM	Heavy baryons in a mean-field approach
12:30-14:00	<i>Lunch</i>	
Parallel 1	Nishina Hall	
Chair:	H. TOGASHI	
14:00-14:30	H. NEMURA	Sigma-N and Lambda-N interactions from 2+1 lattice QCD
14:30-15:00	U. CAN	Omega_c spectrum in Lattice QCD - a progress report
15:00-15:30	T. SUGIURA	Charmonium-nucleon interactions from lattice QCD: emergence of heavy quark symmetry
Parallel 2	Frontier Research Laboratory 3F	
Chair:	Y. YAMAGUCHI	
14:00-14:30	T. SANGKHAKRIT	A study of charmed baryon production from chiral effective Lagrangian with heavy-quark symmetry and large- N_c constraints
14:30-15:00	S. SHIM	Hyperon and charmed baryon productions with an instanton interaction
15:00-15:30	Y. ABE	A systematic study for $Z_c(3900)$ in a coupled channel approach with open and hidden charm mesons
15:30-16:00	<i>Break</i>	
Parallel 1	Nishina Hall	
Chair:	U. CAN	
16:00-16:30	Y. DONG	On the new dibaryon resonance $d^*(2380)$
16:30-17:00	U. RAHA	Universal physics of two neutrons and one flavored meson in pionless effective theory
17:00-17:30	Y. YAMAGUCHI	Hidden-charm meson-baryon molecules coupled with five-quark states
17:30-18:00	S. ANDO	Elastic alpha-carbon-12 scattering at low energies with the bound states of oxygen-16 in effective field theory
Parallel 2	Frontier Research Laboratory 3F	
Chair:	H. NEMURA	
16:00-16:30	K. WATANABE	The current matrix element in HAL QCD potential method
16:30-17:00	A. ARIFI	Systematic Study of Charmed Baryon Decay
17:00-17:30	T. SUYUPORN	Implication of heavy-quark symmetry and large- N_c operator analysis in chiral Lagrangian of nucleon, D meson and charmed baryon
17:30-18:00	Y. KAMIYA	Structure of hadron resonances with nearby zero of amplitude

Dec. 22 (Fri)

Plenary	Nishina Hall	
Chair:	E. HIYAMA	
9:00-9:30	Q. ZHAO	Recent progress on the understanding of near threshold enhancement
9:30-10:00	Z. YU	Few-body correlations in quantum gases
10:00-10:30	S. ENDO	From few-body to many-body physics in resonantly interacting quantum systems
<i>10:30-11:00</i>	<i>Break</i>	
11:00-11:30	H. NAGAIRO	Properties of $\eta'(958)$ meson and formation of possible η' -mesic nuclei
11:30-12:00	S. KIM	Production and angular distributions of K^* and D^* vector mesons in pion-nucleon collision
<i>12:00-13:30</i>	<i>Lunch</i>	
Chair:	Q. ZHAO	
13:30-14:00	T. MYO	Tensor-optimized antisymmetrized molecular dynamics with bare nuclear forces for light nuclei
14:00-14:30	M. LYU	Combination of the high-momentum correlation and the tensor-optimized antisymmetrized molecular dynamics