

Reimei Workshop "Hadronic Resonances and Dense Nuclear Matter" and "J-PARC-HI Collaboration Meeting" @ IQBRC 2F

PROGRAM

updated on 12/8

December 11 (Mon.)

9:30-10:00

(Registration)

Chair

Kenneth Hicks

9:55-10:00

5

Makoto Oka

Tokyo Tech. & JAEA

Opening Address

10:00-10:50

40+10

Anthony W Thomas

Univ. Adelaide

From Quarks to Finite Nuclei and Neutron Stars

10:50-11:20

25+5

Ralf Gothe

Univ. South Carolina

Baryon Spectroscopy and structure from CLAS and CLAS12

11:20-11:50

25+5

Hiroyuki Kamano

Theory Center, KEK

Light-quark baryon spectroscopy at J-PARC

11:50-12:15

20+5

Takatsugu Ishikawa

Tohoku Univ.

Non-strange dibaryons from photoproduction experiments at ELPH

(Lunch)

Chair

Philipp Gubler

13:40-14:10

25+5

Raul Briceno

Old Dominion Univ.

QCD Spectroscopy

14:10-14:40

25+5

Volker Crede

Florida State Univ.

Hadron Spectroscopy at GlueX and the Search for Gluonic Excitations

14:40-15:05

20+5

Hiroyuki Noumi

RCNP, Osaka Univ.

Strange and Charm Baryon Spectroscopy with Meson Beams

15:05-15:30

20+5

Jifeng Hu

Shanghai Jiao Tong Univ.

Nucleon form factor measurement at BESIII

15:30-15:55

20+5

Ralf-Arno Tripolt

ECT*

The "Resonances Via Padé" (RVP) Method

(Break)

Chair

Megumi Naruki

16:15-16:45

25+5

Yudai Ichikawa

ASRC, JAEA

Strangeness physics at J-PARC

16:45-17:15

25+5

Hans-Josef Schulze

Catania

Skyrme forces for Lambda and Cascade hypernuclei

17:15-17:40

20+5

Hideko Nagahiro

Nara WU/Osaka Univ.

Formation of eta'-mesic nuclei for the study of eta'-nucleon interaction

17:40-18:05

20+5

Ulugbek Yakhshiev

Inha Univ.

Instanton Effects on Heavy Quarkonium Spectra

18:05-18:30

20+5

Toshihiko Hiraiwa

Osaka Univ.

Search for Exotic Interactions in Phi-Photoproduction near Production Threshold

18:30-19:30

Poster session

19:00-20:30

(Reception)

December 12 (Tue.)

Chair

Makoto Oka

9:00-9:30

25+5

Ryan Mitchell

Indiana Univ.

Highlights from Hadron Physics at BESIII

9:30-10:00

25+5

Feng-Kun Guo

ITP, CAS

Charm meson spectroscopy

10:00-10:25

20+5

Ju-Jun Xie

IMP, CAS

Study of the light hadrons in strangeness production

(Break)

	<i>Chair</i>	<i>Kiyoshi Tanida</i>		
10:45-11:15	25+5	Yanxi Zhang	Orsay	LHCb results of exotic hadrons and hadron spectroscopy
11:15-11:40	20+5	Makoto Takizawa	Showa Pharma. Coll.	Meson Spectroscopy at Belle

(Lunch) J-PARC Tour

	<i>Chair</i>	<i>Hyun-Chul Kim</i>		
13:40-14:10	25+5	Masayasu Harada	Nagoya Univ.	Doubly heavy baryons based on chiral effective Lagrangians
14:10-14:40	25+5	Masayuki Niiyama	RCNP, Osaka Univ.	Recent results of Baryons spectroscopy at Belle
14:40-15:10	25+5	Atsushi Hosaka	RCNP, Osaka Univ.	Heavy baryon spectroscopy
15:10-15:35	20+5	Yan-rui Liu	Shandong Univ.	Heavy Multi-Quark States

(Break)

	<i>Chair</i>	<i>Atsushi Hosaka</i>		
15:55-16:25	25+5	Hyun-Chul Kim	Inha Univ.	Exotic Omega_c s
16:25-16:55	25+5	Jung Keun Ahn	Korea Univ.	Search for the H-dibaryon near $\Lambda\Lambda$ and Ξ^{Λ} -p thresholds at J-PARC
16:55-17:25	25+5	Shinya Gongyo	RIKEN	Interactions between Decuplet Baryons from Lattice QCD
17:25-17:50	20+5	Manuel Pavon Valderrama	Beihang Univ.	Scale Invariance in Heavy Hadron Molecules

Move to Restaurant Marutoku by bus
(Banquet)

19:00-21:00

December 13 (Wed.)

	<i>Chair</i>	<i>Hiroyuki Sako</i>		
9:30-10:00	25+5	Masakiyo Kitazawa	Osaka Univ.	Search for QCD critical point at J-PARC-HI
10:00-10:30	25+5	Bjoern Schenke	BNL	Hydrodynamics and initial state for heavy ion collisions at high baryon density
		(Break)		
	<i>Chair</i>	<i>Tetsufumi Hirano</i>		
10:55-11:25	25+5	Shinji Ejiri	Niigata Univ.	Finite Density Lattice QCD
11:25-11:55	25+5	Nu Xu	LBNL	Recent Results from RHIC Beam Energy Scan

(Lunch)

	<i>Chair</i>	<i>Bjoern Schenke</i>		
13:00-13:30	25+5	Marek Gazdzicki	Goethe-Univ. Frankfurt, Jan Kochanowski Univ.	News on onset of deconfinement and critical point of strongly interacting matter from NA61/SHINE
13:30-14:00	25+5	Aleksandra Snoch	Goethe Univ. Frankfurt	On open charm from NA61
14:00-14:30	25+5	Melanie Szala	Goethe Univ. Frankfurt	Proton number fluctuations in Au+Au collisions investigated with HADES
14:30-15:00	25+5	Takehiko Saito	GSI	Hypernuclear physics with projectile fragmentation reactions of heavy ion beams
				(Break)
	<i>Chair</i>	<i>Toshiki Maruyama</i>		
15:20-15:50	25+5	Bao-An Li	Texas A&M	Probing the Equation of State of Dense Neutron-Rich Matter with Heavy-Ion Collisions
15:50-16:20	25+5	Nobutoshi Yasutake	Chiba Institute of Tech.	Neutron Star and Equation of State: Inhomogeneous Chiral Phase Transition
16:20-16:50	25+5	Hajime Sotani	NAOJ	Neutron stars and GW170817
16:50		Ken Hicks	Ohio Univ.	Closing remark

December 14 (Thu.) J-PARC-HI Collaboration Meeting @ IQBRC 2F

	<i>Chair</i>	<i>Takehiko Saito</i>		
9:00-9:30	25+5	Hiroyuki Sako	ASRC, JAEA	J-PARC-HI Overview
9:30-10:00	25+5	Hiroyuki Harada	J-PARC, JAEA	J-PARC-HI Accelerator Plan
				(Break)
	<i>Chair</i>	<i>Masakiyo Kitazawa</i>		
10:30-11:00	25+5	Tetsufumi Hirano	Sophia Univ.	Dynamics of heavy ion collisions at J-PARC energy
11:00-11:30	25+5	Shunji Nishimura	RIKEN	Collective Flow and Equation of State below GeV
11:30-12:00	25+5	All Discussions		
				(Lunch)
13:30				Discussions for J-PARC-HI (in Japanese)

Posters @ IQBRC 2F on December 11 (Mon) 18:30-

1	Philipp Gubler	JAEA	What can be measured at the J-PARC E16 experiment?
2	Gergely Fejos	RCNP, Osaka Univ.	Mesonic and nucleon fluctuation effects in nuclear medium
3	Hidekatsu Nemura	RCNP, Osaka Univ.	Sigma-N and Lambda-N interactions from 2+1 lattice QCD with almost physical masses
4	Sangin Shim	RCNP, Osaka Univ.	Hyperon and charmed baryon productions with an instanton interaction
5	Sachio Iwasaki	Tokyo Tech	Hadronic Paschen-Back Effect
6	Sakiko Ashikaga	Kyoto Univ.	Performance evaluation of lead glass calorimeter for measurements of spectral change of vector mesons in nuclei
7	Kazuki Suzuki	Kyoto Univ.	Dilepton measurement to study Spectral Modification of Vector Mesons(J-PARC E-16 experiment)
8	Kosuke Itabashi	Tohoku Univ.	Design of a target system for Λ hypernuclear spectroscopy at Jlab
9	Yuichi Toyama	Tohoku Univ.	Lifetime measurement project of hypernuclei at ELPH
10	Kazuki Nochi	Tohoku Univ.	Charmonium structure from Bethe-Salpeter amplitude on lattice
11	Shin Hyung Kim	Korea Univ.	Development of the HypTPC Data Acquisition System at J-PARC
12	JeHee Lee	Tokyo Tech	Structure of $9\Lambda\text{Be}$ with $\alpha\alpha\Lambda$ three-body model
13	Reiko Yokota	Waseda Univ.	Variational method with explicit energy functionals for nuclear matter taking into account the two-pion-exchange three-nucleon force
14	Daiki Suenaga	Nagoya Univ.	Exploring partial restoration of chiral symmetry in nuclear matter by means of charmed mesons
15	Masaya Ichikawa	Kyoto Univ.	Development of DAQ system for J-PARC E16 experiment
16	Kenneth Hicks, T. Chetry	Ohio Univ.	A Study of Coherent Vector Meson Photoproduction off Deuterium and a possible d^* resonance
17	Takashi Ezoe	Osaka Univ.	Kaon-nucleon systems and $\Lambda(1405)$ in the Skyrme model
18	Shigehiro Yasui	Tokyo Tech	Production of double charm tetraquark
19	Yoshida Junya	JAEA	Study of double strangeness nuclei with hybrid emulsion method: J-PARC E07
20	Kazuhisa Okamoto	Nagoya Univ.	Temperature dependence of transport coefficients of QCD in high-energy heavy-ion collisions