

2018/11/13  
Tuesday

\* invited keynote talk

13A1 Parton Structure				
Room 201A				
Chairs: J. Qiu (1-4), B. Pasquini (5-7)				
Number	Start	End	Speaker	Title
1	13:30	14:00	M. Strikman *	Color fluctuations in nucleons and the EMC effect
2	14:00	14:20	C.-W. Kao	Kaon multiplicities of semi-inclusive DIS and the fragmentation functions
3	14:20	14:40	K. Tanaka	Operator relations for gravitational form factors
4	14:40	15:00	Q.-T. Song	Hadron tomography for pion and its gravitational form factors
5	15:00	15:20	W. Cosyn	Transversity GPDs of the deuteron in a convolution picture
6	15:20	15:40	Y. Hagiwara	Gluon Wigner distributions at small x with sub-nucleonic fluctuations
7	15:40	16:00	N. Kumar	Generalized parton distributions of the photon in light-front model

13B1 Hadron Spectroscopy (Light Meson)				
Room 402				
Chair: H. Nouri				
Number	Start	End	Speaker	Title
1	13:30	14:00	X. Shen *	Recent results on light hadron spectroscopy from BESIII
2	14:00	14:20	S. Schadmand	Electromagnetic transition form factors of light mesons
3	14:20	14:40	J. Zarleng	Recent results from GlueX and future
4	14:40	15:00	K.S. Jeong	Analysis of the $b_1$ meson decay in local tensor bilinear representation
5	15:00	15:20	A.S. Miramontes Lopez	Resonance effects in bound states interaction kernels
6	15:20	15:40	M.A. Martin Contr	Light meson masses using AdS/QCD modified soft wall model
7	15:40	16:00	T. Miyamoto	The spectra and decay widths of hybrid quarkonia in a hyperspherical-coordinate framework

13B2 Hadron Spectroscopy (Light Baryon, Strange)				
Room 403				
Chair: A. Hosaka				
Number	Start	End	Speaker	Title
1	13:30	14:00	T. Hyodo *	Model-independent study on the structure of $\Lambda(1405)$
2	14:00	14:20	T. Ezo	Structures of the $\Lambda(1405)$ resonance in the Skyrme model
3	14:20	14:40	S. Kawasaki	The E31 spectroscopic experiment of $\Lambda(1405)$ via in-flight $d(K-n)$ reaction at J-PARC K1.8BR
4	14:40	15:00	S.I. Nam	$\Xi(1690)$ resonance production via $K^- p \rightarrow K^+ K^- \Lambda$
5	15:00	15:20	J.Y. Kim	Electromagnetic form factors of the baryon decuplet
6	15:20	15:40	T. Mart	A multipole model for $K\Sigma$ photoproduction in four isospin channels
7	15:40	16:00	T. Hiraiwa	Coherent $\phi$ -meson photoproduction from helium-4 near threshold with linearly polarized photons

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13C1 Hadron Interaction and Nuclear Structure				
Room 404				
Chair: S. N. Nakamura				
Number	Start	End	Speaker	Title
1	13:40	14:00	S. X. Nakamura	$\eta$ photoproduction off the deuteron and low-energy $\eta$ -nucleon interaction
2	14:00	14:20	N. Tomida	The search for the $\eta'$ mesic nuclei in the LEPS2/BGOegg experiment
3	14:20	14:40	S. Shinmura	Effects of attractive $KK^*$ and repulsive $KK$ interactions in $KK^*$ three-body resonance
4	14:40	15:00	T. Harada	Production spectra of $^3\text{He}(\pi, K^+)$ reactions with continuum discretized coupled channels
5	15:00	15:20	M. Nakagawa	Search for excited state of $^4_2\text{He}$ hypernucleus in the J-PARC E13 experiment
6	15:20	15:40	J. Yoshida	Status of J-PARC E07, Systematic study of double strangeness nuclei with hybrid emulsion method
7	15:40	16:00	H. Fujioka	Decay pion spectroscopy of double- $\Lambda$ hypernuclei at J-PARC

13D1 Hot and Cold Dense Matter				
Room 201B				
Chair: S. H. Lee				
Number	Start	End	Speaker	Title
1	13:30	14:00	M. Harada *	Charmed mesons in nuclear matter based on chiral effective models
2	14:00	14:20	D. Suenaga	Mass modifications of light mesons in nuclear matter with three flavor extended linear sigma model
3	14:20	14:40	G. Wolf	Mass shift of charmonium states in $p\bar{p}A$ collision
4	14:40	15:00	Q. He	Measuring space-time properties of excited nucleons below 1.2 GeV using Bose-Einstein correlations
5	15:00	15:20	S. Ashikaga	Measurement of vector meson mass in nuclear matter at J-PARC
6	15:20	15:40	Y. Wang	Development and production of high rate MRPC for CBM-TOF
7	15:40	16:00		

2018/11/14 \* invited keynote talk  
 Wednesday

14A1 Parton Structure				
Room 201A				
Chair: F. Kunne				
Number	Start	End	Speaker	Title
1	13:30	14:00	W.-C. Chang *	Interpretation of transverse momentum and rapidity dependence on angular distributions of Z-boson production at LHC
2	14:00	14:20	Y. Bedfer	Single hadron multiplicities in SIDIS at COMPASS
3	14:20	14:40	M. Quaresma	TSAs in the Drell-Yan process from COMPASS
4	14:40	15:00	K. Nagai	Measurement of light-antiquark flavor asymmetry by Drell-Yan experiment SeaQuest at Fermilab
5	15:00	15:20	Y. Miyachi	Measurement of proton induced Drell-Yan with the polarized nucleon targets at Fermilab-E1039
	15:20	15:50		Break
14A2 Parton Structure				
Room 201A				
Chair: M. Strikman				
Number	Start	End	Speaker	Title
1	15:50	16:20	K. Fukushima *	Inclusive isolated photon in pp collisions up to the next leading order with CGC
2	16:20	16:40	N. Yamanaka	Study of parton correlations via double parton scatterings in associated quarkonium production in high energy accelerator experiments
3	16:40	17:00	A. Watanabe	Total hadronic cross sections via the holographic pomeron exchange
4	17:00	17:20	Y. Kitadono	A test of gauge invariant canonical angular momentum in Landau level problem
5	17:20	17:40	K. Yabe	Twist-3 fragmentation contribution to the polarized hyperon production in unpolarized proton-proton collisions

14B1 Hadron Spectroscopy (Light Baryon)				
Room 402				
Chair: L. Tolos				
Number	Start	End	Speaker	Title
1	13:30	14:00	T. Ishikawa *	Non-strange dibaryon resonances observed in coherent double neutral-pion
2	14:00	14:30	A. Gal *	Structure and width of the $d^*(2380)$ dibaryon
3	14:30	14:50	Y. Dong	On the $d^*(2380)$ dibaryon resonance
4	14:50	15:10	F. Cividini	Measurement of the double polarization observable E for single $\pi^0$ photo-production from quasi-free nucleons
	15:10	15:50		Break
14B3 Hadron Spectroscopy (Light Baryon)				
Room 402				
Chair: T. Ishikawa				
Number	Start	End	Speaker	Title
1	15:50	16:20	M. Lutz *	From hadrons at unphysical quark masses to coupled-channel reaction dynamics in the laboratory
2	16:20	16:40	D. Sokhan	Beam-asymmetry measurement in pion-photoproduction on the neutron at CLAS
3	16:40	17:00	T. Kageya	Spin observables, $\Sigma$ and G in charged pion photo-production from polarized neutrons in solid HD at Jefferson Lab
4	17:00	17:20	E. Shintani	Lattice calculation of nucleon form factor at physical point
5	17:20	17:40	H. Iida	Study of dark matter from lattice gauge theory

14B2 Hadron Spectroscopy (Heavy Meson)				
Room 403				
Chair: X. Shen				
Number	Start	End	Speaker	Title
1	13:30	14:00	C. Shen *	Recent results on heavy quark spectroscopy and prospects in experiments
2	14:00	14:20	Y. Hu	XYZ states at BESIII
3	14:20	14:40	M. Takizawa	Structure of the hidden-charm exotic vector mesons
4	14:40	15:00	D. Rodriguez Entem	Z <sub>c</sub> states in a quiral quark model
5	15:00	15:20	D. Jia	Regge-like spectra of heavy hadrons
	15:20	15:50		Break

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14C1 Hadron Interaction and Nuclear Structure				
Room 404				
Chair: W. Weise				
Number	Start	End	Speaker	Title
1	13:30	14:00	T. Yamaga *	Results of the KbarNN search via the (K-, n) reaction at J-PARC
2	14:00	14:20	T. Sekihara	Theoretical analysis on the peak structure observed in the J-PARC E15 experiment
3	14:20	14:40	A. Dote	Fully coupled-channel study of the K-pp resonance
4	14:40	15:00	M. Skurzok	Studies of low-energy kaons interactions in nuclear matter by AMADEUS towards clarifying the existence of DBKNS
5	15:00	15:20	J. Zmeskal	Probing strong interaction with SIDDHARTA-2
	15:20	15:50		Break
14C2 Hadron Interaction and Nuclear Structure				
Room 404				
Chair: A. Gal				
Number	Start	End	Speaker	Title
1	15:50	16:10	T. Hashimoto	Kaonic atom experiments at J-PARC
2	16:10	16:30	R. Honda	Study of $Y^*$ in nuclei through the $C(K^-, \pi^+)X$ spectrum at 1.8 GeV/c in the J-PARC E05 experiment
3	16:30	16:50	S. Yang	First $\gamma$ -ray spectroscopy of an sd-shell hypernucleus, $^{19}_{\Lambda}F$
4	16:50	17:10	A. Umeya	Hypernuclear photoproduction spectra calculated with multi-configuration wave functions
5	17:10	17:30	S. Nagao	High resolution mass spectroscopy of hypernuclei with primary electron beams: Recent results and prospects

14D1 Hot and Cold Dense Matter				
Room 201B				
Chair: H. Sako				
Number	Start	End	Speaker	Title
1	13:30	14:00	T. Nonaka *	Cumulants of net-particle distributions from the STAR experiment
2	14:00	14:20	W. Brooks	Propagation of QCD color through strongly interacting systems
3	14:20	14:40	T. Sugiura	Importance of the volume fluctuation correction on higher order cumulants
4	14:40	15:00	A. Vega	Holographic bottom - up approach to Hadron properties in nuclear medium
	0:00	15:50		Break
14D2 Hot and Cold Dense Matter				
Room 201B				
Chair: S. Hashimoto				
Number	Start	End	Speaker	Title
1	15:50	16:10	A. Ohnishi	Path optimization for the sign problem in field theories using neural network
2	16:10	16:30	S. Tsutsui	Exploring the finite density QCD based on the complex Langevin method
3	16:30	16:50	G. Kozlov	Hot dense matter and random fluctuation walk
4	16:50	17:10	N. Novitzky	Recent low-pT direct photons results from PHENIX
5	17:10	17:30	D. Kawana	Measurement of electrons from charm and beauty hadron decays in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV with ALICE

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Friday

\* invited keynote talk

16A1		Parton Structure			
		Room 402			
Chair: Y. Goto					
Number	Start	End	Speaker	Title	
1	13:30	13:50	K. Barish	Recent results from the STAR spin program	
2	13:50	14:10	I. Nakagawa	Experimental challenge of PHENIX in disentangling proton spin puzzle	
3	14:10	14:30	A. Guskov	SPD - the spin physics project with polarized proton and deuteron beams at the NICA collider	
4	14:30	14:50	H. Dahiya	Transition magnetic moments of $J^P=(3/2)^+$ decuplet to $(1/2)^+$ octet baryons	
5	14:50	15:20	Y. Itow *	Initial results from the RHICf experiment	
	15:20	15:50		Break	
16A2		Parton Structure			
		Room 402			
Chair: K. Tanida					
Number	Start	End	Speaker	Title	
1	15:50	16:10	M. Dalton	Final results from the Qweak experiment: A Search for New Physics via a Measurement of the Proton's Weak Charge	
2	16:10	16:30	Y. Uesaka	Charged lepton flavor violation search by lepton-nucleus scattering	
3	16:30	16:50	L. Pentchev	Threshold $J/\psi$ photoproduction with GlueX at Jefferson Lab	
4	16:50	17:10	M. Moinester	Pion polarizability status report	
5	17:10	17:30	G. Huang	Baryon timelike form factors at BESIII	

16B1		Hadron Spectroscopy (Heavy Baryon)			
		Room 403			
Chair: M. Lutz					
Number	Start	End	Speaker	Title	
1	13:30	14:00	L. Tolos *	$\Omega_c$ excited states with heavy-quark spin symmetry	
2	14:00	14:20	H.C. Kim	Structure of heavy baryons in a pion mean-field approach	
3	14:20	14:40	T. Matsuki	Doubly heavy baryons expanded in $1/m_Q$	
4	14:40	15:00	H. Bahtiyar	Radiative transitions of singly and doubly charmed baryons in Lattice QCD	
	15:20	15:50		Break	
16B2		Hadron Spectroscopy (Heavy Baryon)			
		Room 403			
Chair: M. Takizawa					
Number	Start	End	Speaker	Title	
1	15:50	16:10	K.U. Can	Spectrum of the charmed baryons in 2+1-flavor lattice QCD	
2	16:10	16:30	Y. Komatsu	Experimental study of di-quark correlation by charmed baryon spectroscopy at J-PARC high-momentum secondary beam line	
3	16:30	16:50	S.I. Shim	Strange and charmed baryon productions with an instanton interaction	
4	16:50	17:10	A.J. Arifi	A systematic study of charmed baryon decay	

16C1		Hadron Interaction and Nuclear Structure			
		Room 404			
Chair: H. Tamura					
Number	Start	End	Speaker	Title	
1	13:30	14:00	V. Mantovani Sarti *	Constraining hadron-hadron interactions with femtoscopy in ALICE	
2	14:00	14:20	M. Kaneta	Status of $\Lambda n$ interaction study via the final state interaction effect in $\gamma d \rightarrow K^+ \Lambda n$ production	
3	14:20	14:40	Y. Nakada	$\Sigma p$ Scattering Experiment at J-PARC and the Analysis Status	
4	14:40	15:00	T. Inoue	Hyperon forces from QCD and their applications	
5	15:00	15:20	X. -L. Ren	Relativistic chiral nucleon-nucleon interactions up to next-to-leading order	
	15:20	15:50		Break	
16C2		Hadron Interaction and Nuclear Structure			
		Room 404			
Chair: E. Piasetzky					
Number	Start	End	Speaker	Title	
1	15:50	16:10	A. Park	Tribaryon configurations and three nucleon repulsions at short distance	
2	16:10	16:30	C. Nakamoto	Three-baryon forces in a quark model	
3	16:30	16:50	I. Korover	Study the nucleon-nucleon force with short range correlation measurements	
4	16:50	17:10	T. Myo	Short-range and tensor correlations in light nuclei studied with antisymmetrized molecular dynamics	
5	17:10	17:30	V. Ladygin	Spin studies of the short-range correlations with polarized beams at JINR-Nuclotron	

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Friday

\* invited keynote talk

16D1 Hot and Cold Dense Matter				
Room 201A				
Chair: K. Ozawa				
Number	Start	End	Speaker	Title
1	13:30	13:50	C. Nonaka	Hydrodynamic collectivity and bulk properties of QCD matter in high-energy heavy-ion collisions
2	13:50	14:10	K. Murase	Dynamically integrated transport approach for high-energy nuclear collisions at high baryon density
3	14:10	14:30	S. Cho	Charmed hadron production in heavy ion collisions
4	14:30	14:50	D. Stocco	Electroweak boson production measurements in p-Pb and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with ALICE
5	14:50	15:10	P. Cui	Strangeness production in jets and the underlying event in pp, p-Pb and Pb-Pb collisions measured with ALICE
6	15:10	15:30	S. Hayashi	Quarkonia production in pp, p-Pb, and Pb-Pb collisions
	15:30	15:50		Break
16D3 Hot and Cold Dense Matter				
Room 201A				
Chair: B. Mueller				
Number	Start	End	Speaker	Title
1	15:50	16:10	K. Nagashima	Recent heavy flavor results from PHENIX
2	16:10	16:30	Y. Hidaka	Electric conductivity of hot and dense quark matter in a magnetic field
3	16:30	16:50	M. Horvath	Non-static analysis of the anomalous chiral conductivities
4	16:50	17:10	R. Hosokawa	Measurement of jet modification through jet-hadron correlation in Pb-Pb collisions at 5.02 TeV
5	17:10	17:30	R. Aoyama	Di-hadron correlations with event shape engineering in Au+Au collisions at the 2 STAR experiment
6	17:30	17:50	Y. Kumar	Effect of magnetic field on QGP equation of state

16D2 Hot and Cold Dense Matter				
Room 201B				
Chair: K. Itakura				
Number	Start	End	Speaker	Title
1	13:30	13:50	T. Muto	Effects of universal three-body repulsion on kaon condensation in hyperonic matter
2	13:50	14:10	T. Maruyama	Spontaneous spin polarization due to tensor selfenergies in quark matter in NJL model
3	14:10	14:30	T. Miyatsu	Equation of state for neutron stars in the quark-meson coupling model with the cloudy bag
4	14:30	14:50	S. Yasui	Effects of strong magnetic fields on neutron 3P2 vortices in spin-orbit interactions
5	14:50	15:10	P. Gubler	Exact vector channel sum rules at finite temperature
6	15:10	15:30	J. Moreira	Quark mass effects in the thermodynamical properties of an extended (P)NJL model
	15:30	15:50		Break
16D4 Hot and Cold Dense Matter				
Room 201B				
Chair: M. Harada				
Number	Start	End	Speaker	Title
1	15:50	16:10	A. Iwazaki	Chiral symmetry breaking by monopole condensation
2	16:10	16:30	C. Chatterjee	Quark-hadron continuity under rotation: vortex continuity or boojum?
3	16:30	16:50	P. Hutaauruk	In-medium nucleon weak and electromagnetic form factors effects on neutrino interaction in dense matter
4	16:50	17:10	K. Tsushima	In-medium properties of the low-lying strange, charm, and bottom baryons in the quark-meson coupling model
5	17:10	17:30	J. Cobos-Martínez	$\phi$ and $J/\psi$ mesons in cold nuclear matter