

8th International Conference on Quarks and Nuclear Physics (QNP2018)

Report of Contributions

Contribution ID: 2

Type: **not specified**

Welcome

Tuesday, 13 November 2018 09:00 (15 minutes)

Presenter: TOKUSHUKU, Katsuo

Session Classification: Plenary

Contribution ID: 3

Type: **not specified**

Welcome from organizers

Tuesday, 13 November 2018 09:15 (15 minutes)

Presenter: SAWADA, Shinya

Session Classification: Plenary

Contribution ID: 4

Type: **not specified**

Neutron star physics

Tuesday, 13 November 2018 09:30 (45 minutes)

Presenter: BAYM, Gordon

Session Classification: Plenary

Contribution ID: 5

Type: **not specified**

Dense baryonic matter and strangeness in neutron stars

Tuesday, 13 November 2018 10:45 (45 minutes)

Presenter: WEISE, Wolfram

Session Classification: Plenary

Contribution ID: 6

Type: **not specified**

Strangeness nuclear physics

Tuesday, 13 November 2018 11:30 (30 minutes)

Presenter: TAMURA, Hirokazu

Session Classification: Plenary

Contribution ID: 7

Type: **not specified**

Color fluctuations in nucleons and the EMC effect

Tuesday, 13 November 2018 13:30 (30 minutes)

Presenter: STRIKMAN, Mark

Session Classification: 13A1 Parton Structure

Contribution ID: 8

Type: **not specified**

Kaon multiplicities of semi-inclusive DIS and the fragmentation functions

Tuesday, 13 November 2018 14:00 (20 minutes)

Presenter: KAO, Chung Wen

Session Classification: 13A1 Parton Structure

Contribution ID: 9

Type: **not specified**

Operator relations for gravitational form factors

Tuesday, 13 November 2018 14:20 (20 minutes)

Presenter: TANAKA, Kazuhiro

Session Classification: 13A1 Parton Structure

Contribution ID: **10**

Type: **not specified**

Hadron tomography for pion and its gravitational form factors

Tuesday, 13 November 2018 14:40 (20 minutes)

Presenter: SONG, Qin-Tao

Session Classification: 13A1 Parton Structure

Contribution ID: **11**

Type: **not specified**

Transversity GPDs of the deuteron in a convolution picture

Tuesday, 13 November 2018 15:00 (20 minutes)

Presenter: COSYN, Wim

Session Classification: 13A1 Parton Structure

Contribution ID: 12

Type: **not specified**

Gluon Wigner distributions at small x with sub-nucleonic fluctuations

Tuesday, 13 November 2018 15:20 (20 minutes)

Presenter: HAGIWARA, Yoshikazu

Session Classification: 13A1 Parton Structure

Contribution ID: 13

Type: **not specified**

Generalized parton distributions of the photon in light-front model

Tuesday, 13 November 2018 15:40 (20 minutes)

Presenter: KUMAR, Narinder

Session Classification: 13A1 Parton Structure

Contribution ID: 14

Type: **not specified**

Recent results on light hadron spectroscopy from BESIII

Tuesday, 13 November 2018 13:30 (30 minutes)

Presenter: SHEN, Xiaoyan

Session Classification: 13B1 Hadron Spectroscopy (Light Meson)

Contribution ID: 15

Type: **not specified**

Electromagnetic transition form factors of light mesons

Tuesday, 13 November 2018 14:00 (20 minutes)

Presenter: SCHADMAND, Susan

Session Classification: 13B1 Hadron Spectroscopy (Light Meson)

Contribution ID: 16

Type: **not specified**

Recent results from GlueX and future

Tuesday, 13 November 2018 14:20 (20 minutes)

Presenter: ZARLING, Jonathan

Session Classification: 13B1 Hadron Spectroscopy (Light Meson)

Contribution ID: 17

Type: **not specified**

Analysis of the b_1 meson decay in local tensor bilinear representation

Tuesday, 13 November 2018 14:40 (20 minutes)

Presenter: JEONG, Kie Sang

Session Classification: 13B1 Hadron Spectroscopy (Light Meson)

Contribution ID: **18**

Type: **not specified**

Resonance effects in bound states interaction kernels

Tuesday, 13 November 2018 15:00 (20 minutes)

Presenter: MIRAMONTES LOPEZ, Angel Salvador

Session Classification: 13B1 Hadron Spectroscopy (Light Meson)

Contribution ID: 19

Type: **not specified**

Light meson masses using AdS/QCD modified soft wall model

Tuesday, 13 November 2018 15:20 (20 minutes)

Presenter: MARTIN CONTRERAS, Miguel Angel

Session Classification: 13B1 Hadron Spectroscopy (Light Meson)

Contribution ID: 20

Type: **not specified**

Model-independent study on the structure of $\Lambda(1405)$

Tuesday, 13 November 2018 13:30 (30 minutes)

Presenter: HYODO, Tetsuo

Session Classification: 13B2 Hadron Spectroscopy (Light Baryon, Strange)

Contribution ID: 21

Type: **not specified**

Structures of the $\Lambda(1405)$ resonance in the Skyrme model

Tuesday, 13 November 2018 14:00 (20 minutes)

Presenter: EZOE, Takashi

Session Classification: 13B2 Hadron Spectroscopy (Light Baryon, Strange)

Contribution ID: 22

Type: **not specified**

The E31 spectroscopic experiment of $\Lambda(1405)$ via in-flight $d(K-n)$ reaction at J-PARC K1.8BR

Tuesday, 13 November 2018 14:20 (20 minutes)

Presenter: KAWASAKI, Shingo

Session Classification: 13B2 Hadron Spectroscopy (Light Baryon, Strange)

Contribution ID: 23

Type: **not specified**

$\Xi(1690)$ resonance production via $K^- p \rightarrow K^+ K^- \Lambda$

Tuesday, 13 November 2018 14:40 (20 minutes)

Presenter: NAM, Seung-il

Session Classification: 13B2 Hadron Spectroscopy (Light Baryon, Strange)

Contribution ID: 24

Type: **not specified**

Electromagnetic form factors of the baryon decuplet

Tuesday, 13 November 2018 15:00 (20 minutes)

Presenter: KIM, June-Young

Session Classification: 13B2 Hadron Spectroscopy (Light Baryon, Strange)

Contribution ID: 25

Type: **not specified**

A multipole model for $K\Sigma$ photoproduction in four isospin channels

Tuesday, 13 November 2018 15:20 (20 minutes)

Presenter: MART, Terry

Session Classification: 13B2 Hadron Spectroscopy (Light Baryon, Strange)

Contribution ID: 26

Type: **not specified**

Coherent ϕ -meson photoproduction from helium-4 near threshold with linearly polarized photons

Tuesday, 13 November 2018 15:40 (20 minutes)

Presenter: HIRAIWA, Toshihiko

Session Classification: 13B2 Hadron Spectroscopy (Light Baryon, Strange)

Contribution ID: 27

Type: **not specified**

η photoproduction off the deuteron and low-energy η -nucleon interaction

Tuesday, 13 November 2018 13:40 (20 minutes)

Presenter: NAKAMURA, Satoshi X.

Session Classification: 13C1 Hadron Interaction and Nuclear Structure

Contribution ID: 28

Type: **not specified**

The search for the η' mesic nuclei in the LEPS2/BGOegg experiment

Tuesday, 13 November 2018 14:00 (20 minutes)

Presenter: TOMIDA, Natsuki

Session Classification: 13C1 Hadron Interaction and Nuclear Structure

Contribution ID: 29

Type: **not specified**

Effects of attractive $KK^{\bar{}}$ and repulsive KK interactions in $KKK^{\bar{}}$ three-body resonance

Tuesday, 13 November 2018 14:20 (20 minutes)

Presenter: SHINMURA, Shoji

Session Classification: 13C1 Hadron Interaction and Nuclear Structure

Contribution ID: 30

Type: **not specified**

Production spectra of $^3\text{He}(\pi, \text{K}^+)$ reactions with continuum discretized coupled channels

Tuesday, 13 November 2018 14:40 (20 minutes)

Presenter: HARADA, Toru

Session Classification: 13C1 Hadron Interaction and Nuclear Structure

Contribution ID: 31

Type: **not specified**

Search for excited state of $4 \Sigma\text{He}$ hypernucleus in the J-PARC E13 experiment

Tuesday, 13 November 2018 15:00 (20 minutes)

Presenter: NAKAGAWA, Manami

Session Classification: 13C1 Hadron Interaction and Nuclear Structure

Contribution ID: 32

Type: **not specified**

Status of J-PARC E07, systematic study of double strangeness nuclei with hybrid emulsion method

Tuesday, 13 November 2018 15:20 (20 minutes)

Presenter: YOSHIDA, Junya

Session Classification: 13C1 Hadron Interaction and Nuclear Structure

Contribution ID: 33

Type: **not specified**

Decay pion spectroscopy of double- Λ hypernuclei at J-PARC

Tuesday, 13 November 2018 15:40 (20 minutes)

Presenter: FUJIOKA, Hiroyuki

Session Classification: 13C1 Hadron Interaction and Nuclear Structure

Contribution ID: 35

Type: **not specified**

Charmed mesons in nuclear matter based on chiral effective models

Tuesday, 13 November 2018 13:30 (30 minutes)

Presenter: HARADA, Masayasu

Session Classification: 13D1 Hot and Cold Dense Matter

Contribution ID: 36

Type: **not specified**

Mass modifications of light mesons in nuclear matter with three flavor extended linear sigma model

Tuesday, 13 November 2018 14:00 (20 minutes)

Presenter: SUENAGA, Daiki

Session Classification: 13D1 Hot and Cold Dense Matter

Contribution ID: 37

Type: **not specified**

Mass shift of charmonium states in pbar A collision

Tuesday, 13 November 2018 14:20 (20 minutes)

Presenter: WOLF, Gyorgy

Session Classification: 13D1 Hot and Cold Dense Matter

Contribution ID: 38

Type: **not specified**

Measuring space-time properties of excited nucleons below 1.2 GeV using Bose-Einstein correlations

Tuesday, 13 November 2018 14:40 (20 minutes)

Presenter: HE, Qinghua

Session Classification: 13D1 Hot and Cold Dense Matter

Contribution ID: 39

Type: **not specified**

Measurement of vector meson mass in nuclear matter at J-PARC

Tuesday, 13 November 2018 15:00 (20 minutes)

Presenter: ASHIKAGA, Sakiko

Session Classification: 13D1 Hot and Cold Dense Matter

Contribution ID: 40

Type: **not specified**

Development and production of high rate MRPC for CBM-TOF

Tuesday, 13 November 2018 15:20 (20 minutes)

Presenter: WANG, Yi

Session Classification: 13D1 Hot and Cold Dense Matter

Contribution ID: 43

Type: **not specified**

Hadron tomography by three-dimensional structure functions

Thursday, 15 November 2018 09:00 (30 minutes)

Presenter: PASQUINI, Barbara

Session Classification: Plenary

Contribution ID: 44

Type: **not specified**

Nucleon-structure physics by lepton deep inelastic scattering

Thursday, 15 November 2018 09:30 (30 minutes)

Presenter: KUNNE, Fabienne

Session Classification: Plenary

Contribution ID: 45

Type: **not specified**

Nucleon-structure physics by proton-proton collisions

Thursday, 15 November 2018 10:00 (30 minutes)

Presenter: LIU, Ming

Session Classification: Plenary

Contribution ID: 46

Type: **not specified**

Nucleon structure from lattice QCD

Thursday, 15 November 2018 11:00 (30 minutes)

Presenter: QIU, Jianwei

Session Classification: Plenary

Contribution ID: 48

Type: **not specified**

EIC project

Thursday, 15 November 2018 11:30 (30 minutes)

Presenter: SURROW, Bernd

Session Classification: Plenary

Contribution ID: 49

Type: **not specified**

GSI-Fair project

Wednesday, 14 November 2018 09:00 (30 minutes)

Presenter: GIUBELLINO, Paolo

Session Classification: Plenary

Contribution ID: 50

Type: **not specified**

Baryon interactions from lattice QCD

Wednesday, 14 November 2018 09:30 (30 minutes)

Presenter: HATSUDA, Tetsuo

Session Classification: Plenary

Contribution ID: 51

Type: **not specified**

Exotic hadrons with heavy quarks

Wednesday, 14 November 2018 10:00 (30 minutes)

Presenter: KARLINER, Marek

Session Classification: Plenary

Contribution ID: 52

Type: **not specified**

Hadron spectroscopy from lattice QCD

Wednesday, 14 November 2018 11:00 (30 minutes)

Presenter: PRELOVSEK, Sasa

Session Classification: Plenary

Contribution ID: 53

Type: **not specified**

N* physics

Wednesday, 14 November 2018 11:30 (30 minutes)

Presenter: JOO, Kyungseon

Session Classification: Plenary

Contribution ID: 54

Type: **not specified**

Theory on high-energy heavy-ion physics

Friday, 16 November 2018 09:00 (30 minutes)

Presenter: MUELLER, Berndt

Session Classification: Plenary

Contribution ID: 55

Type: **not specified**

Experiments on high-energy heavy-ion physics

Friday, 16 November 2018 09:30 (30 minutes)

Presenter: ESUMI, Shinichi

Session Classification: Plenary

Contribution ID: 56

Type: **not specified**

Theory on hadrons in nuclear medium

Friday, 16 November 2018 10:00 (30 minutes)

Presenter: LEE, Su Houng

Session Classification: Plenary

Contribution ID: 57

Type: **not specified**

Experiments on hadrons in finite density medium

Friday, 16 November 2018 11:00 (30 minutes)

Presenter: STROTH, Joachim

Session Classification: Plenary

Contribution ID: 58

Type: **not specified**

Short-range correlation in nuclei

Friday, 16 November 2018 11:30 (30 minutes)

Presenter: PIASETZKY, Eliezer

Session Classification: Plenary

Contribution ID: 59

Type: **not specified**

Experiments on heavy flavour spectroscopy and exotic states

Saturday, 17 November 2018 09:00 (30 minutes)

Presenter: ZHANG, Liming

Session Classification: Plenary

Contribution ID: **60**

Type: **not specified**

Belle-II project

Saturday, 17 November 2018 09:30 (30 minutes)

Presenter: MIYABAYASHI, Kenkichi

Session Classification: Plenary

Contribution ID: **61**

Type: **not specified**

Lee Jefferson Lab 12 GeV program

Saturday, 17 November 2018 10:00 (30 minutes)

Presenter: MCKEON, Robert

Session Classification: Plenary

Contribution ID: **62**

Type: **not specified**

J-PARC

Saturday, 17 November 2018 11:00 (30 minutes)

Presenter: SAWADA, Shinya

Session Classification: Plenary

Contribution ID: **63**

Type: **not specified**

Closing

Saturday, 17 November 2018 11:30 (30 minutes)

Presenter: KUMANO, Shunzo

Session Classification: Plenary

Contribution ID: 64

Type: **not specified**

Interpretation of transverse momentum and rapidity dependence on angular distributions of Z-boson production at LHC

Wednesday, 14 November 2018 13:30 (30 minutes)

Presenter: CHANG, Wen-Chen

Session Classification: 14A1 Parton Structure

Contribution ID: 65

Type: **not specified**

Single hadron multiplicities in SIDIS at COMPASS

Wednesday, 14 November 2018 14:00 (20 minutes)

Presenter: BEDFER, Yann

Session Classification: 14A1 Parton Structure

Contribution ID: **66**

Type: **not specified**

TSAs in the Drell-Yan process from COMPAS

Wednesday, 14 November 2018 14:20 (20 minutes)

Presenter: QUARESMA, Marcia

Session Classification: 14A1 Parton Structure

Contribution ID: 67

Type: **not specified**

Measurement of light-antiquark flavor asymmetry by Drell-Yan experiment SeaQuest at Fermilab

Wednesday, 14 November 2018 14:40 (20 minutes)

Presenter: NAGAI, Kei

Session Classification: 14A1 Parton Structure

Contribution ID: 68

Type: **not specified**

Measurement of proton induced Drell-Yan with the polarized nucleon targets at Fermilab-E1039

Wednesday, 14 November 2018 15:00 (20 minutes)

Presenter: MIYACHI, Yoshiyuki

Session Classification: 14A1 Parton Structure

Contribution ID: 69

Type: **not specified**

Inclusive isolated photon in pp collisions up to the next leading order with CGC

Wednesday, 14 November 2018 15:50 (30 minutes)

Presenter: FUKUSHIMA, Kenji

Session Classification: 14A2 Parton Structure

Contribution ID: 70

Type: **not specified**

Study of parton correlations via double parton scatterings in associated quarkonium production in high energy accelerator experiments

Wednesday, 14 November 2018 16:20 (20 minutes)

Presenter: YAMANAKA, Nodoka

Session Classification: 14A2 Parton Structure

Contribution ID: 71

Type: **not specified**

Total hadronic cross sections via the holographic pomeron exchange

Wednesday, 14 November 2018 16:40 (20 minutes)

Presenter: WATANABE, Akira

Session Classification: 14A2 Parton Structure

Contribution ID: 72

Type: **not specified**

A test of gauge invariant canonical angular momentum in Landau level problem

Wednesday, 14 November 2018 17:00 (20 minutes)

Presenter: KITADONO, Yoshio

Session Classification: 14A2 Parton Structure

Contribution ID: 73

Type: **not specified**

Twist-3 fragmentation contribution to the polarized hyperon production in unpolarized proton-proton collisions

Wednesday, 14 November 2018 17:20 (20 minutes)

Presenter: YABE, Kenta

Session Classification: 14A2 Parton Structure

Contribution ID: 74

Type: **not specified**

Non-strange dibaryon resonances observed in coherenet double neutral-pion

Wednesday, 14 November 2018 13:30 (30 minutes)

Presenter: ISHIKAWA, Takatsugu

Session Classification: 14B1 Hadron Spectroscopy (Light Baryon)

Contribution ID: 75

Type: **not specified**

Structure and width of the $d^*(2380)$ dibaryon

Wednesday, 14 November 2018 14:00 (30 minutes)

Presenter: GAL, Avraham

Session Classification: 14B1 Hadron Spectroscopy (Light Baryon)

Contribution ID: 76

Type: **not specified**

On the $d^*(2380)$ dibaryon resonance

Wednesday, 14 November 2018 14:30 (20 minutes)

Presenter: DONG, Yubing

Session Classification: 14B1 Hadron Spectroscopy (Light Baryon)

Contribution ID: 77

Type: **not specified**

Measurement of the double polarization observable E for single π^0 photo-production from quasi-free nucleons

Wednesday, 14 November 2018 14:50 (20 minutes)

Presenter: CIVIDINI, Federico

Session Classification: 14B1 Hadron Spectroscopy (Light Baryon)

Contribution ID: 78

Type: **not specified**

Beam-asymmetry measurement in pion-photoproduction on the neutron at CLAS

Wednesday, 14 November 2018 16:20 (20 minutes)

Presenter: SOKHAN, Daria

Session Classification: 14B3 Hadron Spectroscopy (Light Baryon)

Contribution ID: 79

Type: **not specified**

Spin observables, Σ and G in charged pion photo-production from polarized neutrons in solid HD at Jefferson Lab

Wednesday, 14 November 2018 16:40 (20 minutes)

Presenter: KAGEYA, Tsuneo

Session Classification: 14B3 Hadron Spectroscopy (Light Baryon)

Contribution ID: **80**

Type: **not specified**

Lattice calculation of nucleon form factor at physical point

Wednesday, 14 November 2018 17:00 (20 minutes)

Presenter: SHINTANI, Eigo

Session Classification: 14B3 Hadron Spectroscopy (Light Baryon)

Contribution ID: **81**

Type: **not specified**

Study of dark matter from lattice gauge theory

Wednesday, 14 November 2018 17:20 (20 minutes)

Presenter: IIDA, Hideaki

Session Classification: 14B3 Hadron Spectroscopy (Light Baryon)

Contribution ID: 82

Type: **not specified**

Recent results on heavy quark spectroscopy and prospects in experiments

Wednesday, 14 November 2018 13:30 (30 minutes)

Presenter: SHEN, Chengping

Session Classification: 14B2 Hadron Spectroscopy (Heavy Meson)

Contribution ID: **83**

Type: **not specified**

XYZ states at BESIII

Wednesday, 14 November 2018 14:00 (20 minutes)

Presenter: HU, Yu

Session Classification: 14B2 Hadron Spectroscopy (Heavy Meson)

Contribution ID: **84**

Type: **not specified**

Structure of the hidden-charm exotic vector mesons

Wednesday, 14 November 2018 14:20 (20 minutes)

Presenter: TAKIZAWA, Makoto

Session Classification: 14B2 Hadron Spectroscopy (Heavy Meson)

Contribution ID: 85

Type: **not specified**

Z_c states in a quiral quark model

Wednesday, 14 November 2018 14:40 (20 minutes)

Presenter: RODRIGUEZ ENTEM, David

Session Classification: 14B2 Hadron Spectroscopy (Heavy Meson)

Contribution ID: 86

Type: **not specified**

From hadrons at unphysical quark masses to coupled-channel reaction dynamics in the laboratory

Wednesday, 14 November 2018 15:50 (30 minutes)

Presenter: LUTZ, Matthias F.M.

Session Classification: 14B3 Hadron Spectroscopy (Light Baryon)

Contribution ID: 87

Type: **not specified**

The spectra and decay widths of hybrid quarkonia in a hyperspherical-coordinate framework

Tuesday, 13 November 2018 15:40 (20 minutes)

Presenter: MIYAMOTO, Tomokazu

Session Classification: 13B1 Hadron Spectroscopy (Light Meson)

Contribution ID: **88**

Type: **not specified**

Regge-like spectra of heavy hadrons

Wednesday, 14 November 2018 15:00 (20 minutes)

Presenter: JIA, Duojie

Session Classification: 14B2 Hadron Spectroscopy (Heavy Meson)

Contribution ID: 90

Type: **not specified**

Results of the KbarNN search via the (K-, n) reaction at J-PARC

Wednesday, 14 November 2018 13:30 (30 minutes)

Presenter: YAMAGA, Takumi

Session Classification: 14C1 Hadron Interaction and Nuclear Structure

Contribution ID: 91

Type: **not specified**

Theoretical analysis on the peak structure observed in the J-PARC E15 experiment

Wednesday, 14 November 2018 14:00 (20 minutes)

Presenter: SEKIHARA, Takayasu

Session Classification: 14C1 Hadron Interaction and Nuclear Structure

Contribution ID: 92

Type: **not specified**

Fully coupled-channel study of the K-pp resonance

Wednesday, 14 November 2018 14:20 (20 minutes)

Presenter: DOTE, Akinobu

Session Classification: 14C1 Hadron Interaction and Nuclear Structure

Contribution ID: 93

Type: **not specified**

Studies of low-energy kaons interactions in nuclear matter by AMADEUS towards clarifying the existence of DBKNS

Wednesday, 14 November 2018 14:40 (20 minutes)

Presenter: SKURZOK, Magdalena

Session Classification: 14C1 Hadron Interaction and Nuclear Structure

Contribution ID: 95

Type: **not specified**

Kaonic atom experiments at J-PARC

Wednesday, 14 November 2018 15:50 (20 minutes)

Presenter: HASHIMOTO, Tadashi

Session Classification: 14C2 Hadron Interaction and Nuclear Structure

Contribution ID: 96

Type: **not specified**

Study of Y^* in nuclei through the $C(K^-, \pi^+)X$ spectrum at 1.8 GeV/c in the J-PARC E05 experiment

Wednesday, 14 November 2018 16:10 (20 minutes)

Presenter: HONDA, Ryotaro

Session Classification: 14C2 Hadron Interaction and Nuclear Structure

Contribution ID: 97

Type: **not specified**

First γ -ray spectroscopy of an sd-shell hypernucleus, $^{19}\Lambda\text{F}$

Wednesday, 14 November 2018 16:30 (20 minutes)

Presenter: YANG, Seongbae

Session Classification: 14C2 Hadron Interaction and Nuclear Structure

Contribution ID: 98

Type: **not specified**

Hypernuclear photoproduction spectra calculated with multi-configuration wave functions

Wednesday, 14 November 2018 16:50 (20 minutes)

Presenter: UMEYA, Atsushi

Session Classification: 14C2 Hadron Interaction and Nuclear Structure

Contribution ID: 99

Type: **not specified**

High resolution mass spectroscopy of hypernuclei with primary electron beams: Recent results and prospects

Wednesday, 14 November 2018 17:10 (20 minutes)

Presenter: NAGAO, Sho

Session Classification: 14C2 Hadron Interaction and Nuclear Structure

Contribution ID: **100**

Type: **not specified**

Cumulants of net-particle distributions from the STAR experiment

Wednesday, 14 November 2018 13:30 (30 minutes)

Presenter: NONAKA, Toshihiro

Session Classification: 14D1 Hot and Cold Dense Matter

Contribution ID: **101**

Type: **not specified**

Propagation of QCD color through strongly interacting systems

Wednesday, 14 November 2018 14:00 (20 minutes)

Presenter: BROOKS, William

Session Classification: 14D1 Hot and Cold Dense Matter

Contribution ID: **102**

Type: **not specified**

Importance of the volume fluctuation correction on higher order cumulants

Wednesday, 14 November 2018 14:20 (20 minutes)

Presenter: SUGIURA, Tetsuro

Session Classification: 14D1 Hot and Cold Dense Matter

Contribution ID: **103**

Type: **not specified**

Photon production in a QGP at finite chemical potential: holographic bottom-up approach

Presenter: MARTIN CONTRERAS, Miguel Angel

Contribution ID: **104**

Type: **not specified**

Holographic bottom - up approach to Hadron properties in nuclear medium

Wednesday, 14 November 2018 14:40 (20 minutes)

Presenter: VEGA, Alfredo

Session Classification: 14D1 Hot and Cold Dense Matter

Contribution ID: **105**

Type: **not specified**

Path optimization for the sign problem in field theories using neural network

Wednesday, 14 November 2018 15:50 (20 minutes)

Presenter: OHNISHI, Akira

Session Classification: 14D2 Hot and Cold Dense Matter

Contribution ID: **106**

Type: **not specified**

Exploring the finite density QCD based on the complex Langevin method

Wednesday, 14 November 2018 16:10 (20 minutes)

Presenter: TSUTSUI, Shoichiro

Session Classification: 14D2 Hot and Cold Dense Matter

Contribution ID: **107**

Type: **not specified**

Hot dense matter and random fluctuation walk

Wednesday, 14 November 2018 16:30 (20 minutes)

Presenter: KOZLOV, Gennady

Session Classification: 14D2 Hot and Cold Dense Matter

Contribution ID: **108**

Type: **not specified**

Recent low-pT direct photons results from PHENIX

Wednesday, 14 November 2018 16:50 (20 minutes)

Presenter: NOVITZKY, Nibert

Session Classification: 14D2 Hot and Cold Dense Matter

Contribution ID: **109**

Type: **not specified**

Measurement of electrons from charm and beauty hadron decays in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV with ALICE

Wednesday, 14 November 2018 17:10 (20 minutes)

Presenter: KAWANA, Daichi

Session Classification: 14D2 Hot and Cold Dense Matter

Contribution ID: **112**

Type: **not specified**

Recent results from the STAR spin program

Friday, 16 November 2018 13:30 (20 minutes)

Presenter: BARISH, Kenneth

Session Classification: 16A1 Parton Structure

Contribution ID: 113

Type: **not specified**

Experimental challenge of PHENIX in disentangling proton spin puzzle

Friday, 16 November 2018 13:50 (20 minutes)

Presenter: NAKAGAWA, Itaru

Session Classification: 16A1 Parton Structure

Contribution ID: 114

Type: **not specified**

SPD - the spin physics project with polarized proton and deuteron beams at the NICA collider

Friday, 16 November 2018 14:10 (20 minutes)

Presenter: GUSKOV, Alexey

Session Classification: 16A1 Parton Structure

Contribution ID: 115

Type: **not specified**

Transition magnetic moments of $J^P=(3/2)^+$ decuplet to $(1/2)^+$ octet baryons

Friday, 16 November 2018 14:30 (20 minutes)

Presenter: DAHIYA, Harleen

Session Classification: 16A1 Parton Structure

Contribution ID: **116**

Type: **not specified**

Initial results from the RHICf experiment

Friday, 16 November 2018 14:50 (30 minutes)

Presenter: ITOW, Yoshitaka

Session Classification: 16A1 Parton Structure

Contribution ID: 117

Type: **not specified**

Final results from the Qweak experiment: A search for new physics via a measurement of the proton's weak charge

Friday, 16 November 2018 15:50 (20 minutes)

Presenter: DALTON, Mark

Session Classification: 16A2 Parton Structure

Contribution ID: **118**

Type: **not specified**

Charged lepton flavor violation search by lepton-nucleus scattering

Friday, 16 November 2018 16:10 (20 minutes)

Presenter: UESAKA, Yuichi

Session Classification: 16A2 Parton Structure

Contribution ID: **119**

Type: **not specified**

Threshold J/ψ photoproduction with GlueX at Jefferson Lab

Friday, 16 November 2018 16:30 (20 minutes)

Presenter: PENTCHEV, Lubomir

Session Classification: 16A2 Parton Structure

Contribution ID: **120**

Type: **not specified**

Pion polarizability status report

Friday, 16 November 2018 16:50 (20 minutes)

Presenter: MOINESTER, Murray

Session Classification: 16A2 Parton Structure

Contribution ID: **121**

Type: **not specified**

Baryon timelike form factors at BESIII

Friday, 16 November 2018 17:10 (20 minutes)

Presenter: HUANG, Guangshun

Session Classification: 16A2 Parton Structure

Contribution ID: **122**

Type: **not specified**

Ω_c excited states with heavy-quark spin symmetry

Friday, 16 November 2018 13:30 (30 minutes)

Presenter: TOLOS, Laura

Session Classification: 16B1 Hadron Spectroscopy (Heavy Baryon)

Contribution ID: 123

Type: **not specified**

Structure of heavy baryons in a pion mean-field approach

Friday, 16 November 2018 14:00 (20 minutes)

Presenter: KIM, Hyun-Chul

Session Classification: 16B1 Hadron Spectroscopy (Heavy Baryon)

Contribution ID: **124**

Type: **not specified**

Doubly heavy baryons expanded in $1/m_Q$

Friday, 16 November 2018 14:20 (20 minutes)

Presenter: MATSUKI, Takayuki

Session Classification: 16B1 Hadron Spectroscopy (Heavy Baryon)

Contribution ID: 126

Type: **not specified**

Radiative transitions of singly and doubly charmed baryons in Lattice QCD

Friday, 16 November 2018 14:40 (20 minutes)

Presenter: BAHTIYAR, Huseyin

Session Classification: 16B1 Hadron Spectroscopy (Heavy Baryon)

Contribution ID: 127

Type: **not specified**

Spectrum of the charmed baryons in 2+1-flavor lattice QCD

Friday, 16 November 2018 15:50 (20 minutes)

Presenter: CAN, Kadir Utku

Session Classification: 16B2 Hadron Spectroscopy (Heavy Baryon)

Contribution ID: 128

Type: **not specified**

Experimental study of di-quark correlation by charmed baryon spectroscopy at J-PARC high-momentum secondary beam line

Friday, 16 November 2018 16:10 (20 minutes)

Presenter: KOMATSU, Yusuke

Session Classification: 16B2 Hadron Spectroscopy (Heavy Baryon)

Contribution ID: **129**

Type: **not specified**

Strange and charmed baryon productions with an instanton interaction

Friday, 16 November 2018 16:30 (20 minutes)

Presenter: SHIM, Sangin

Session Classification: 16B2 Hadron Spectroscopy (Heavy Baryon)

Contribution ID: **130**

Type: **not specified**

A systematic study of charmed baryon decay

Friday, 16 November 2018 16:50 (20 minutes)

Presenter: ARIFI, Ahmad Jafar

Session Classification: 16B2 Hadron Spectroscopy (Heavy Baryon)

Contribution ID: **131**

Type: **not specified**

Constraining hadron-hadron interactions with femtoscopy in ALICE

Friday, 16 November 2018 13:30 (30 minutes)

Presenter: MANTOVANI SARTI, Valentina

Session Classification: 16C1 Hadron Interaction and Nuclear Structure

Contribution ID: 132

Type: **not specified**

Status of Λn interaction study via the final state interaction effect in $\gamma d \rightarrow K^+ \Lambda n$ production

Friday, 16 November 2018 14:00 (20 minutes)

Presenter: KANETA, Masashi

Session Classification: 16C1 Hadron Interaction and Nuclear Structure

Contribution ID: 133

Type: **not specified**

Σp Scattering Experiment at J-PARC and the Analysis Status

Friday, 16 November 2018 14:20 (20 minutes)

Presenter: NAKADA, Yoshiyuki

Session Classification: 16C1 Hadron Interaction and Nuclear Structure

Contribution ID: 134

Type: **not specified**

Hyperon forces from QCD and their applications

Friday, 16 November 2018 14:40 (20 minutes)

Presenter: INOUE, Takashi

Session Classification: 16C1 Hadron Interaction and Nuclear Structure

Contribution ID: 135

Type: **not specified**

Relativistic chiral nucleon-nucleon interactions up to next-to-leading order

Friday, 16 November 2018 15:00 (20 minutes)

Presenter: REN, Xiu-Lei

Session Classification: 16C1 Hadron Interaction and Nuclear Structure

Contribution ID: 136

Type: **not specified**

Tribaryon configurations and three nucleon repulsions at short distance

Friday, 16 November 2018 15:50 (20 minutes)

Presenter: PARK, Aaron

Session Classification: 16C2 Hadron Interaction and Nuclear Structure

Contribution ID: 137

Type: **not specified**

Three-baryon forces in a quark model

Friday, 16 November 2018 16:10 (20 minutes)

Presenter: NAKAMOTO, Choki

Session Classification: 16C2 Hadron Interaction and Nuclear Structure

Contribution ID: 138

Type: **not specified**

Study the nucleon-nucleon force with short range correlation measurements

Friday, 16 November 2018 16:30 (20 minutes)

Presenter: KOROVER, Igor

Session Classification: 16C2 Hadron Interaction and Nuclear Structure

Contribution ID: 139

Type: **not specified**

Short-range and tensor correlations in light nuclei studied with antisymmetrized molecular dynamics

Friday, 16 November 2018 16:50 (20 minutes)

Presenter: MYO, Takayuki

Session Classification: 16C2 Hadron Interaction and Nuclear Structure

Contribution ID: 140

Type: **not specified**

Spin studies of the short-range correlations with polarized beams at JINR-Nuclotron

Friday, 16 November 2018 17:10 (20 minutes)

Presenter: LADYGIN, Vladimir

Session Classification: 16C2 Hadron Interaction and Nuclear Structure

Contribution ID: **141**

Type: **not specified**

Hydrodynamic collectivity and bulk properties of QCD matter in high-energy heavy-ion collisions

Friday, 16 November 2018 13:30 (20 minutes)

Presenter: NONAKA, Chiho

Session Classification: 16D1 Hot and Cold Dense Matter

Contribution ID: 142

Type: **not specified**

Dynamically integrated transport approach for high-energy nuclear collisions at high baryon density

Friday, 16 November 2018 13:50 (20 minutes)

Presenter: MURASE, Koichi

Session Classification: 16D1 Hot and Cold Dense Matter

Contribution ID: **143**

Type: **not specified**

Charmed hadron production in heavy ion collisions

Friday, 16 November 2018 14:10 (20 minutes)

Presenter: CHO, Sungtae

Session Classification: 16D1 Hot and Cold Dense Matter

Contribution ID: 144

Type: **not specified**

Electroweak boson production measurements in p-Pb and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with ALICE

Friday, 16 November 2018 14:30 (20 minutes)

Presenter: STOCCO, Diego

Session Classification: 16D1 Hot and Cold Dense Matter

Contribution ID: 145

Type: **not specified**

Strangeness production in jets and the underlying event in pp, p-Pb and Pb-Pb collisions measured with ALICE

Friday, 16 November 2018 14:50 (20 minutes)

Presenter: CUI, Pengyao

Session Classification: 16D1 Hot and Cold Dense Matter

Contribution ID: 146

Type: **not specified**

Quarkonia production in pp, p-Pb, and Pb-Pb collisions

Friday, 16 November 2018 15:10 (20 minutes)

Presenter: HAYASHI, ShinIchi

Session Classification: 16D1 Hot and Cold Dense Matter

Contribution ID: **147**

Type: **not specified**

Recent heavy flavor results from PHENIX

Friday, 16 November 2018 15:50 (20 minutes)

Presenter: NAGASHIMA, Kazuya

Session Classification: 16D3 Hot and Cold Dense Matter

Contribution ID: **148**

Type: **not specified**

Electric conductivity of hot and dense quark matter in a magnetic field

Friday, 16 November 2018 16:10 (20 minutes)

Presenter: HIDAKA, Yoshimasa

Session Classification: 16D3 Hot and Cold Dense Matter

Contribution ID: **149**

Type: **not specified**

Non-static analysis of the anomalous chiral conductivities

Friday, 16 November 2018 16:30 (20 minutes)

Presenter: HORVATH, Miklos

Session Classification: 16D3 Hot and Cold Dense Matter

Contribution ID: **150**

Type: **not specified**

Measurement of jet modification through jet-hadron correlation in Pb-Pb collisions at 5.02 TeV

Friday, 16 November 2018 16:50 (20 minutes)

Presenter: HOSOKAWA, Ritsuya

Session Classification: 16D3 Hot and Cold Dense Matter

Contribution ID: **151**

Type: **not specified**

Di-hadron correlations with event shape engineering in Au+Au collisions at the STAR experiment

Friday, 16 November 2018 17:10 (20 minutes)

Presenter: AOYAMA, Ryo

Session Classification: 16D3 Hot and Cold Dense Matter

Contribution ID: **152**

Type: **not specified**

Effect of magnetic field on QGP equation of state

Friday, 16 November 2018 17:30 (20 minutes)

Presenter: KUMAR, Yogesh

Session Classification: 16D3 Hot and Cold Dense Matter

Contribution ID: **153**

Type: **not specified**

Effects of universal three-body repulsion on kaon condensation in hyperonic matter

Friday, 16 November 2018 13:30 (20 minutes)

Presenter: MUTO, Takumi

Session Classification: 16D2 Hot and Cold Dense Matter

Contribution ID: 154

Type: **not specified**

Spontaneous spin polarization due to tensor selfenergies in quark matter in NJL model

Friday, 16 November 2018 13:50 (20 minutes)

Presenter: MARUYAMA, Tomoyuki

Session Classification: 16D2 Hot and Cold Dense Matter

Contribution ID: 155

Type: **not specified**

Equation of state for neutron stars in the quark-meson coupling model with the cloudy bag

Friday, 16 November 2018 14:10 (20 minutes)

Presenter: MIYATSU, Tsuyoshi

Session Classification: 16D2 Hot and Cold Dense Matter

Contribution ID: 156

Type: **not specified**

Effects of strong magnetic fields on neutron 3P2 vortices in spin-orbit interactions

Friday, 16 November 2018 14:30 (20 minutes)

Presenter: YASUI, Shigehiro

Session Classification: 16D2 Hot and Cold Dense Matter

Contribution ID: **157**

Type: **not specified**

Exact vector channel sum rules at finite temperature

Friday, 16 November 2018 14:50 (20 minutes)

Presenter: GUBLER, Philipp

Session Classification: 16D2 Hot and Cold Dense Matter

Contribution ID: 158

Type: **not specified**

Quark mass effects in the thermodynamical properties of an extended (P)NJL model

Friday, 16 November 2018 15:10 (20 minutes)

Presenter: MOREIRA, Joao

Session Classification: 16D2 Hot and Cold Dense Matter

Contribution ID: **159**

Type: **not specified**

Chiral symmetry breaking by monopole condensation

Friday, 16 November 2018 15:50 (20 minutes)

Presenter: IWAZAKI, Aiichi

Session Classification: 16D4 Hot and Cold Dense Matter

Contribution ID: **160**

Type: **not specified**

Quark-hadron continuity under rotation: vortex continuity or boojum?

Friday, 16 November 2018 16:10 (20 minutes)

Presenter: CHATTERJEE, Chandrasekhar

Session Classification: 16D4 Hot and Cold Dense Matter

Contribution ID: **161**

Type: **not specified**

In-medium nucleon weak and electromagnetic form factors effects on neutrino interaction in dense matter

Friday, 16 November 2018 16:30 (20 minutes)

Presenter: HUTAURUK, Parada

Session Classification: 16D4 Hot and Cold Dense Matter

Contribution ID: **162**

Type: **not specified**

In-medium properties of the low-lying strange, charm, and bottom baryons in the quark-meson coupling model

Friday, 16 November 2018 16:50 (20 minutes)

Presenter: TSUSHIMA, Kazuo

Session Classification: 16D4 Hot and Cold Dense Matter

Contribution ID: **163**

Type: **not specified**

ϕ and J/ψ mesons in cold nuclear matter

Friday, 16 November 2018 17:10 (20 minutes)

Presenter: COBOS-MARTÍNEZ, J Javier

Session Classification: 16D4 Hot and Cold Dense Matter

Contribution ID: **164**

Type: **not specified**

Structure of deuteron by polarized proton-deuteron Drell-Yan process

Presenter: SONG, Qin-Tao

Contribution ID: **165**

Type: **not specified**

Structure functions of the nucleon in a soliton model

Presenter: TAKYI, Ishmael

Contribution ID: **166**

Type: **not specified**

DIS on a polarized deuteron with spectator nucleon tagging

Presenter: COSYN, Wim

Contribution ID: **167**

Type: **not specified**

Production cross sections of pion-induced Drell-Yan production

Presenter: HSIEH, Chia-Yu

Contribution ID: **168**

Type: **not specified**

Angular distributions of pion-induced Drell-Yan production

Presenter: LIAN, Yu-Shiang

Contribution ID: 170

Type: **not specified**

Charge symmetry breaking effects in the spacelike electromagnetic form factors and quark distribution function of the pion and kaon

Presenter: HUTAURUK, Parada

Contribution ID: 171

Type: **not specified**

Heavy K^* mesons with hidden charm

Presenter: REN, Xiu-Lei

Contribution ID: 172

Type: **not specified**

Mass of a_1 meson from lattice QCD with the truncated overlap fermions

Presenter: WAKAYAMA, Masayuki

Contribution ID: 173

Type: **not specified**

Sensitivity study of total width at the Belle II experiment

Presenter: HIRATA, Hikari

Contribution ID: 174

Type: **not specified**

A New Isobar model for $K\Sigma$ photoproduction

Presenter: CLYMTON, Samson

Contribution ID: 175

Type: **not specified**

Low Energy Theorem in Kaon Photoproduction Near Threshold

Presenter: SAKINAH, Sakinah

Contribution ID: 176

Type: **not specified**

Nucleon iso-vector couplings from lattice QCD using 2+1 flavor domain wall fermions

Presenter: TSUKAMOTO, Natsuki

Contribution ID: 177

Type: **not specified**

Angular distributions in electroweak pion production off nucleons: odd parity hadron terms, strong relative phases and model dependence

Presenter: HERNANDEZ GAJATE, Eliecer

Contribution ID: **178**

Type: **not specified**

K0 Λ photoproduction with nucleon resonances

Presenter: KIM, Sang-Ho

Contribution ID: 179

Type: **not specified**

Possible $\Sigma^*(1380)$ state in the $\Lambda c^+ \rightarrow \eta \pi^+ \Lambda$ decay

Presenter: XIE, Ju-Jun

Contribution ID: **180**

Type: **not specified**

Lattice QCD study of the nucleon-charmonium interaction

Presenter: SUGIURA, Takuya

Contribution ID: **181**

Type: **not specified**

Pure spin-3/2 propagator for use in nuclear and particle physics

Presenter: KRISTIANO, Jason

Contribution ID: **182**

Type: **not specified**

The Ξ - atom X-ray spectroscopy at J-PARC

Presenter: FUJITA, Manami

Contribution ID: **184**

Type: **not specified**

Operation steps for data analysis on twin-hypernucleus in the E07 emulsion-counter hybrid experiment

Presenter: NYAW, Aung Nay Lin

Contribution ID: **185**

Type: **not specified**

Status of a lifetime measurement of light hypernuclei using high intensity tagged photon beam at ELPH

Presenter: TOYAMA, Yuichi

Contribution ID: **186**

Type: **not specified**

Results of the high rate beam test of HypTPC at HIMAC

Presenter: KIM, Shin Hyung

Contribution ID: **187**

Type: **not specified**

Low-energy QCD –possible future experiments at DAFNE

Presenter: ZMESKAL, Johann

Contribution ID: **188**

Type: **not specified**

Prompt photon production by gluon fusion in a magnetized medium

Presenter: CASTANO YEPES, Jorge David

Contribution ID: **189**

Type: **not specified**

Photon production in a QGP at finite chemical potential: holographic bottom-up approach

Presenter: MARTIN CONTRERAS, Miguel Angel

Contribution ID: **190**

Type: **not specified**

Anomaly induced effects in rotating and dense baryonic matter

Presenter: NISHIMURA, Kentaro

Contribution ID: **191**

Type: **not specified**

Strangeness enhancement in p+p, p+Pb and Pb+Pb collisions at the LHC energies

Presenter: KANAKUBO, Yuuka

Contribution ID: **192**

Type: **not specified**

Rapidity decorrelation from hydrodynamic fluctuations and initial fluctuations

Presenter: SAKAI, Azumi

Contribution ID: **193**

Type: **not specified**

Spin polarized phases in quark matter: interplay between axial-vector and tensor mean field

Presenter: MARUYAMA, Tomoyuki

Contribution ID: **194**

Type: **not specified**

Cluster variational method for hyperonic nuclear matter with coupled channels

Presenter: TOGASHI, Hajime

Contribution ID: **196**

Type: **not specified**

Chirality imbalance and fermion pair production under the strong EM field

Presenter: AOI, Hayato

Contribution ID: **197**

Type: **not specified**

Does the chiral magnetic effect affect the dynamic critical phenomena in QCD?

Presenter: SOGABE, Noriyuki

Contribution ID: **198**

Type: **not specified**

Magnetic properties of quark matter by using of NJL model with pseudovector interaction.

Presenter: MORIMOTO, Masatoshi

Contribution ID: 199

Type: **not specified**

Temperature dependent shear and bulk viscosities of quark-gluon plasma in high-energy heavy-ion collisions

Presenter: MAEDA, Tetsuya

Contribution ID: **200**

Type: **not specified**

Hydrodynamic expansion and collectivity in small system

Presenter: NAKAMURA, Kouki

Contribution ID: **201**

Type: **not specified**

The performance evaluation of the forward calorimeter prototype for ALICE

Presenter: MINATO, Yoko

Contribution ID: 202

Type: **not specified**

Kaon structure in a nuclear medium

Presenter: HUTAURUK, Parada

Contribution ID: 204

Type: **not specified**

Unified analyses of multiplicity distributions and Bose-Einstein correlations at the LHC using negative binomial distribution and generalized Glauber-Lachs formula

Presenter: MIZOGUCHI, Takuya

Contribution ID: 205

Type: **not specified**

Study of gravity effect in cold neutron beam by HANARO research reactor

Presenter: KIM, Jiseok

Contribution ID: **206**

Type: **not specified**

Nuclear electric dipole moment as a good probe of CP violation

Presenter: YAMANAKA, Nodoka

Contribution ID: **207**

Type: **not specified**

Probing strong interaction with SIDDHARTA-2

Wednesday, 14 November 2018 15:00 (20 minutes)

Presenter: ZMESKAL, Johann

Session Classification: 14C1 Hadron Interaction and Nuclear Structure