

**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 b1 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 $\phi$ -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**

## **$\eta$ photoproduction off the deuteron and low-energy $\eta$ -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 $\eta'$ 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 $\bar{K}K$ and repulsive $\bar{K}K$ interactions in $\bar{K}K\bar{K}$ 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- $\Lambda$ 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 Hounq

**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 coherent 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 $\pi^0$ 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, $\Sigma$ 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<sub>c</sub> 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 $\gamma$ -ray spectroscopy of an sd-shell hypernucleus, 19 $\Lambda$ 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, Nobert

**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 $J/\psi$ 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**

## $\Omega_c$ 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 $1/mQ$**

*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 $\Lambda n$ 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**

## **$\Sigma p$ 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**

## **$\phi$ and $J/\psi$ 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 a1 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 $\Lambda$ 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 $\Xi$ -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