Various faces of QCD

Report of Contributions

https://events.ift.uni.wroc.pl/e/72

Contribution ID : **1** Type : **not specified**

Omega and Delta baryons – old friends and new physics

Friday, 26 April 2024 15:15 (30)

Presenter(s) : LEUPOLD, Stefan

Session Classification : Plenary Session

Contribution ID : **2** Type : **not specified**

Gravitational form factors of the pion: lattice QCD meets meson dominance

Friday, 26 April 2024 16:50 (25)

Presenter(s) : BRONIOWSKI, Wojciech (UJK & IFJ PAN)

Session Classification : Plenary Session

Contribution ID : **3** Type : **not specified**

Observation of nonequilibrium effects in collective flow

Friday, 26 April 2024 15:45 (25)

Presenter(s) : BOŻEK, Piotr

Session Classification : Plenary Session

Contribution ID : **4** Type : **not specified**

Thermal model description of matter produced in the few-GeV energy regime

Friday, 26 April 2024 16:10 (25)

Presenter(s) : RYBLEWSKI, Radosław (Institute of Nuclear Physics Polish Academy of Sciences)

Session Classification : Plenary Session

Contribution ID : **5** Type : **not specified**

Quantum effects in the fireball and nontrivial vacuum

Friday, 26 April 2024 16:35 (15)

Presenter(s) : TINTI, Leonardo

Session Classification : Plenary Session

Contribution ID : **6** Type : **not specified**

Theory ↔ experiment - what comes first (for low energy mesons)?

Saturday, 27 April 2024 09:00 (25)

Presenter(s) : KAMINSKI, Robert (Institute of Nuclear Physics PAS)

Session Classification : Plenary Session

Contribution ID : **7** Type : **not specified**

Some large-Nc faces of QCD in the medium

Saturday, 27 April 2024 09:25 (25)

Presenter(s) : GIACOSA, Francesco (Jan Kochanowski University - Kielce)

Session Classification : Plenary Session

Contribution ID : **8** Type : **not specified**

Attractors in QGP dynamics

Saturday, 27 April 2024 09:50 (25)

Presenter(s) : SPALIŃSKI, Michał

Session Classification : Plenary Session

Contribution ID : **9** Type : **not specified**

Mass And Possible Quantum Numbers of X (6900)

Saturday, 27 April 2024 10:15 (15)

Presenter(s) : KUCHTA, Morgan

Session Classification : Plenary Session

Contribution ID : **10** Type : **not specified**

TBA

Presenter(s) : GOLEC-BIERNAT, Krzysztof

Session Classification : Plenary Session

Contribution ID : **11** Type : **not specified**

Proton's structure and entanglement entropy

Saturday, 27 April 2024 11:00 (25)

Presenter(s) : KUTAK, Krzysztof

Session Classification : Plenary Session

Contribution ID : **12** Type : **not specified**

Nucleon structure from lattice QCD

Saturday, 27 April 2024 11:25 (25)

Presenter(s) : CICHY, Krzysztof (Adam Mickiewicz University)

Session Classification : Plenary Session

Contribution ID : **13** Type : **not specified**

Diffractive top pair production at LHC with forward detectors

Saturday, 27 April 2024 11:50 (15)

Presenter(s) : ERNANI MARTINS NETO, Daniel (IFJ-PAN)

Session Classification : Plenary Session

Contribution ID : **14** Type : **not specified**

Diagram of high-energy nuclear collisions

Saturday, 27 April 2024 14:40 (30)

Presenter(s) : GAŹDZICKI, Marek

Session Classification : Ludwik Fest

Contribution ID : **15** Type : **not specified**

Early days of Ludwik Turko at ITP in sixties and seventies

Saturday, 27 April 2024 13:50 (20)

Presenter(s) : LUKIERSKI, Jerzy

Session Classification : Ludwik Fest

Contribution ID : **16** Type : **not specified**

Experimental studies of the diagram of strongly interacting matter

Saturday, 27 April 2024 14:10 (30)

Presenter(s) : LEWICKI, Maciej

Session Classification : Ludwik Fest

Contribution ID : **18** Type : **not specified**

TBA

Presenter(s) : BZDAK, Adam

Session Classification : Plenary Session

Contribution ID : **19** Type : **not specified**

Future studies of photon-photon scattering in ultraperipheral heavy ion collisions

Saturday, 27 April 2024 16:20 (25)

Presenter(s) : SZCZUREK, Antoni

Session Classification : Plenary Session

Contribution ID : **20** Type : **not specified**

Polarization of spin-1/2 particles with effective spacetime dependent masses

Saturday, 27 April 2024 16:45 (25)

Presenter(s) : FLORKOWSKI, Wojciech

Session Classification : Plenary Session

Contribution ID : **21** Type : **not specified**

Spin Polarization in Heavy Ion Collisions

Saturday, 27 April 2024 17:10 (15)

Presenter(s) : DAHER, Asaad

Session Classification : Plenary Session

Contribution ID : **22** Type : **not specified**

Open charm production cross section from combined LHC experiments

Saturday, 27 April 2024 17:25 (25)

Presenter(s) : OTWINOWSKI, Jacek

Session Classification : Plenary Session

Contribution ID : **23** Type : **not specified**

Femtoscopy at various μ_B

Sunday, 28 April 2024 09:00 (25)

Presenter(s) : ZBROSZCZYK, Hanna

Session Classification : Plenary Session

Contribution ID : **24** Type : **not specified**

Studies of baryonic matter properties at FAIR

Sunday, 28 April 2024 09:25 (25)

Presenter(s) : SALABURA, Piotr

Session Classification : Plenary Session

Contribution ID : **25** Type : **not specified**

Glasma properties from a proper time expansion

Sunday, 28 April 2024 09:50 (25)

Presenter(s) : CARRINGTON, Margaret

Session Classification : Plenary Session

Contribution ID : **26** Type : **not specified**

Jet quenching in glasma

Sunday, 28 April 2024 10:15 (25)

Presenter(s) : MRÓWCZYŃSKI, Stanisław

Session Classification : Plenary Session

Contribution ID : **27** Type : **not specified**

Fluctuations of baryon number at finite temperature and magnetic field

Sunday, 28 April 2024 10:40 (15)

Presenter(s) : SZYMAŃSKI, Michał

Session Classification : Plenary Session

Contribution ID : **28** Type : **not specified**

Overview of ATLAS forward proton detectors: status, performance and new physics results

Saturday, 27 April 2024 12:05 (15)

Presenter(s) : PATEL, Pragati

Session Classification : Plenary Session

Contribution ID : **29** Type : **not specified**

Modelling choices in Multi-fluid dynamical descriptions of low energy heavy ion collisions

Sunday, 28 April 2024 11:30 (15)

Presenter(s) : WERTHMANN, Clemens

Session Classification : Plenary Session

Contribution ID : **30** Type : **not specified**

Role of Strangeness in Neutron Stars

Sunday, 28 April 2024 11:45 (15)

Presenter(s) : SHAHRBAF, Mahboubeh

Session Classification : Plenary Session

Contribution ID : **31** Type : **not specified**

Effect of color superconductivity on QCD phase diagram

Sunday, 28 April 2024 12:00 (15)

Presenter(s) : SHUKLA, Udita

Session Classification : Plenary Session

Contribution ID : **32** Type : **not specified**

Production rate of charm quarks in hot QCD

Sunday, 28 April 2024 12:15 (15)

Presenter(s) : MYKHAYLOVA, Valeriya

Session Classification : Plenary Session

Contribution ID : **33** Type : **not specified**

TBA

Presenter(s) : AYRIYAN, Alexander

Session Classification : Plenary Session

Contribution ID : **34** Type : **not specified**

Mott dissociation in the hadron resonance gas and the onset of deconfinement

Saturday, 27 April 2024 15:10 (20)

Presenter(s) : BLASCHKE, David (University of Wroclaw & JINR Dubna)

Session Classification : Ludwik Fest

Contribution ID : **35** Type : **not specified**

Quark deconfinement in compact stars through sexaquark condensation

Sunday, 28 April 2024 12:30 (15)

Presenter(s) : IVANYTSKYI, Oleksii

Session Classification : Plenary Session

Contribution ID : **36** Type : **not specified**

Simulations of massive star explosion driven by a first-order QCD phase transition: Neutrino signal and gravitational wave mode analysis

Sunday, 28 April 2024 12:45 (15)

Presenter(s) : KHOSRAVI LARGANI, Noshad

Session Classification : Plenary Session

Contribution ID : **37** Type : **not specified**

TBA

Saturday, 27 April 2024 15:30 (20)

Presenter(s) : TURKO, Ludwik

Session Classification : Ludwik Fest