Zimanyi Winter School

Report of Contributions

Experimental overview on search ...

Contribution ID: 1

Type: not specified

Experimental overview on searches for early stage E/M fields and novel QCD phenomena

Tuesday, 6 December 2022 17:40 (35 minutes)

Presenter: CHRISTAKOGLOU, Panos (Nikhef National institute for subatomic physics (NL)) **Session Classification:** Physics through the arts eye Zimanyi Winter $\cdots \ /$ Report of Contributions

Opening

Contribution ID: 2

Type: not specified

Opening

Monday, 5 December 2022 08:45 (15 minutes)

Presenter: LEVAI, Peter (Wigner Research Centre for Physics (Wigner RCP) (HU)) **Session Classification:** QCD and heavy flavors Zimanyi Winter $\cdots \ /$ Report of Contributions

The complex potential T>0

Contribution ID: 3

Type: not specified

The complex potential T>0

Monday, 5 December 2022 09:00 (35 minutes)

Presenter: PETRECZKY, Peter (BNL)

Session Classification: QCD and heavy flavors

Zimanyi Winter $\cdots \ /$ Report of Contributions

How fast do heavy quarks therm ...

Contribution ID: 4

Type: not specified

How fast do heavy quarks thermalize? (The heavy quark diffusion coefficient from lattice QCD) - online contribution

Monday, 5 December 2022 09:35 (35 minutes)

Presenter: ALTENKORT, Luis **Session Classification:** QCD and heavy flavors

Screening effects at non-zero che ····

Contribution ID: 5

Type: not specified

Screening effects at non-zero chemical potential and magnetic field

Monday, 5 December 2022 10:10 (25 minutes)

Presenter: SZYMANSKI, Michal (University of Wroclaw) **Session Classification:** QCD and heavy flavors Zimanyi Winter ··· / Report of Contributions

Stabilising the complex Langevin …

Contribution ID: 6

Type: not specified

Stabilising the complex Langevin method for real-time simulations of Yang-Mills theories

Monday, 5 December 2022 11:00 (15 minutes)

Presenter:HOTZY, Paul (TU Wien)Session Classification:QCD

Fighting the sign problem with c …

Contribution ID: 7

Type: not specified

Fighting the sign problem with contour deformations

Monday, 5 December 2022 11:15 (15 minutes)

Presenter: Mr PESZNYAK, David **Session Classification:** QCD

Thermalization of gluons in spati ...

Contribution ID: 8

Type: not specified

Thermalization of gluons in spatially homogeneous systems

Monday, 5 December 2022 11:30 (15 minutes)

Presenter: BARRERA CABODEVILA, Sergio (Instituto Galego de Física de Altas Enerxías (IGFAE))

Session Classification: QCD

Zimanyi Winter · · · / Report of Contributions

Tests of the CPT invariance at CERN

Contribution ID: 9

Type: not specified

Tests of the CPT invariance at CERN

Monday, 5 December 2022 11:45 (25 minutes)

Presenter:HORVATH, Dezso (Wigner RCP, Budapest (HU))Session Classification:QCD

Zimanyi Winter ··· / Report of Contributions

Heavy flavour measurements wit ...

Contribution ID: 10

Type: not specified

Heavy flavour measurements with ALICE at the LHC

Monday, 5 December 2022 13:45 (35 minutes)

Presenter: OTWINOWSKI, Jacek Tomasz (Institute of Nuclear Physics Polish Academy of Sciences (PL))

Session Classification: Heavy flavors

Zimanyi Winter · · · / Report of Contributions

Measurements of J/Psi production ···

Contribution ID: 11

Type: not specified

Measurements of J/Psi production vs event multiplicity in the forward rapidity in p + p collisions in the PHENIX experiment

Monday, 5 December 2022 14:20 (35 minutes)

Presenter: Dr SHI, Zhaozhong (Los Alamos National Laboratory) **Session Classification:** Heavy flavors

Production of heavy flavor in sm ...

Contribution ID: 12

Type: not specified

Production of heavy flavor in small systems

Monday, 5 December 2022 14:55 (25 minutes)

Presenter: VERTESI, Robert (Wigner Research Centre for Physics (Wigner RCP) (HU)) **Session Classification:** Heavy flavors Zimanyi Winter · · · / Report of Contributions

Disentangling the gluon Bremsst ····

Contribution ID: 13

Type: not specified

Disentangling the gluon Bremsstrahlung effects from the underlying event in high-multiplicity pp collisions

Monday, 5 December 2022 15:20 (15 minutes)

Presenter: BENCEDI, Gyula (Wigner Research Centre for Physics (Wigner RCP) (HU)) **Session Classification:** Heavy flavors Zimanyi Winter · · · / Report of Contributions

Defining the Underlying-Event A ...

Contribution ID: 14

Type: not specified

Defining the Underlying-Event Activity in the Presence of Heavy-Flavour Processes in Proton-Proton Collisions at LHC Energies

Monday, 5 December 2022 15:35 (15 minutes)

Presenter: GYULAI, Laszlo (Wigner Research Centre for Physics (Wigner RCP) (HU)) **Session Classification:** Heavy flavors

Toward a nonet of light exotic m $\,\cdots\,$

Contribution ID: 15

Type: not specified

Toward a nonet of light exotic mesons

Monday, 5 December 2022 16:20 (35 minutes)

Presenter: Prof. GIACOSA, Francesco (Kielce University) **Session Classification:** Exotic QCD and compact stars

Glueball Resonance Gas Model

Contribution ID: 16

Type: not specified

Glueball Resonance Gas Model

Monday, 5 December 2022 16:55 (15 minutes)

Presenter: JAFARZADE, Shahriyar (CERN)

Session Classification: Exotic QCD and compact stars

Compact Stars in 1+4-dimensional ····

Contribution ID: 17

Type: not specified

Compact Stars in 1+4-dimensional Space-time with interacting nuclear matter (12+3 min)

Monday, 5 December 2022 17:10 (15 minutes)

Presenter: HORVATH, Anna (Eotvos Lorand University (HU)) **Session Classification:** Exotic QCD and compact stars

Bayesian study of quark matter i ...

Contribution ID: 18

Type: not specified

Bayesian study of quark matter inside hybrid stars

Monday, 5 December 2022 17:25 (15 minutes)

Presenter: TAKÁTSY, János

Session Classification: Exotic QCD and compact stars

Measurements of Femtoscopic C $\,\cdots\,$

Contribution ID: 19

Type: not specified

Measurements of Femtoscopic Correlations in CMS

Tuesday, 6 December 2022 09:00 (35 minutes)

Presenter: PADULA, Sandra (UNESP - Universidade Estadual Paulista (BR)) **Session Classification:** Correlations and femtoscopy

Overview of Lévy femtoscopy fro

Contribution ID: 20

Type: not specified

Overview of Lévy femtoscopy from SPS through RHIC to LHC

Tuesday, 6 December 2022 09:35 (25 minutes)

Presenter:CSANAD, Mate (Eotvos University, Budapest)Session Classification:Correlations and femtoscopy

Zimanyi Winter · · · / Report of Contributions

Bose-Einstein correlation measur ···

Contribution ID: 21

Type: not specified

Bose-Einstein correlation measurement with symmetric Levy soruce at NA61/SHINE

Tuesday, 6 December 2022 10:00 (15 minutes)

Presenter: PORFY, Barnabas (Wigner Research Centre for Physics (Wigner RCP) (HU)) **Session Classification:** Correlations and femtoscopy Zimanyi Winter $\cdots \ /$ Report of Contributions

Two-particle angular correlations ···

Contribution ID: 22

Type: not specified

Two-particle angular correlations of identified particles in pp collisions at √s = 13 TeV with ALICE

Tuesday, 6 December 2022 10:15 (15 minutes)

Presenter: RUGGIANO, Daniela (Warsaw University of Technology (PL)) **Session Classification:** Correlations and femtoscopy

Signatures of Short-Range Correl ...

Contribution ID: 23

Type: not specified

Signatures of Short-Range Correlations in collisions of Intermediate energy Heavy lons

Tuesday, 6 December 2022 11:00 (25 minutes)

Presenter: HAGEL, Kris (Texas A & M University) **Session Classification:** Intermediate energies I

Exploring heavy-ion collisions in ···

Contribution ID: 24

Type: not specified

Exploring heavy-ion collisions in the Fermi regime with the FAZIA multi-telescope array

Tuesday, 6 December 2022 11:25 (25 minutes)

Presenter: Dr CAMAIANI, Alberto (IKS - KU LEUVEN) **Session Classification:** Intermediate energies I

Symmetry energy studies at inter ...

Contribution ID: 25

Type: not specified

Symmetry energy studies at intermediate energies: first experiment with the INDRA-FAZIA apparatus

Tuesday, 6 December 2022 11:50 (20 minutes)

Presenter: Dr CIAMPI, Caterina (GANIL, Caen, France) **Session Classification:** Intermediate energies I

Deblurring 3D Characteristics of …

Contribution ID: 26

Type: not specified

Deblurring 3D Characteristics of Heavy-Ion Collisions

Tuesday, 6 December 2022 13:45 (35 minutes)

Presenter:DANIELEWICZ, Pawel (Michigan State University)Session Classification:Intermediate energies II

Correlations and probes of nucle \cdots

Contribution ID: 27

Type: not specified

Correlations and probes of nuclear transport in heavy-ion collisions

Tuesday, 6 December 2022 14:20 (25 minutes)

Presenter: VERDE, Giuseppe **Session Classification:** Intermediate energies II Zimanyi Winter · · · / Report of Contributions

Reconstruction of neutral mesons ···

Contribution ID: 28

Type: not specified

Reconstruction of neutral mesons via photon conversion method in Ag-Ag collisions at 1.58 AGeV with HADES

Tuesday, 6 December 2022 14:45 (15 minutes)

Presenter: Ms POVAR, Tetiana (University of Wuppertal, Wuppertal, Germany) **Session Classification:** Intermediate energies II

Deuteron production in heavy-ion \cdots

Contribution ID: 29

Type: not specified

Deuteron production in heavy-ion collisions

Tuesday, 6 December 2022 15:30 (35 minutes)

Presenter: TOMASIK, Boris (Univerzita Mateja Bela) **Session Classification:** Hydrodynamics and flow

Estimating Elliptic Flow Coefficie ...

Contribution ID: 30

Type: not specified

Estimating Elliptic Flow Coefficient in Heavy Ion Collisions using Deep Learning

Tuesday, 6 December 2022 16:05 (25 minutes)

Presenter: BARNAFOLDI, Gergely (Hungarian Academy of Sciences (HU)) **Session Classification:** Hydrodynamics and flow

High-pT v_4 puzzle and importan \cdots

Contribution ID: 31

Type: not specified

High-pT v_4 puzzle and importance of higher harmonics in QGP tomography

Tuesday, 6 December 2022 16:30 (15 minutes)

Presenter:ZIGIC, Dusan (Institute of Physics Belgrade)Session Classification:Hydrodynamics and flow

Next-Generation Multi-Fluid Hyd ...

Contribution ID: 32

Type: not specified

Next-Generation Multi-Fluid Hydrodynamics for RHIC BES

Tuesday, 6 December 2022 16:45 (15 minutes)

Presenter: CIMERMAN, Jakub (Faculty of Nuclear Sciences and Physical Engineering, Czech Technical University)

Session Classification: Hydrodynamics and flow

Exact and analytic solutions of \cdots

Contribution ID: 33

Type: not specified

Exact and analytic solutions of non-relativistic, viscous hydrodynamics

Tuesday, 6 December 2022 17:00 (15 minutes)

Presenter: KASZA, Gábor

Session Classification: Hydrodynamics and flow

Spin polarization measurements i $\,\cdots\,$

Contribution ID: 34

Type: not specified

Spin polarization measurements in relativistic heavy-ion collisions

Wednesday, 7 December 2022 09:00 (35 minutes)

Presenter: Dr SARKAR, Debojit (Niels Bohr Institute, University of Copenhagen, Denmark)Session Classification: Vorticity and spin

Zimanyi Winter ··· / Report of Contributions

Recent theoretical results on spin …

Contribution ID: 35

Type: not specified

Recent theoretical results on spin polarization

Wednesday, 7 December 2022 09:35 (35 minutes)

Presenter: BECATTINI, Francesco **Session Classification:** Vorticity and spin

Vorticity and polarization at RHIC \cdots

Contribution ID: 36

Type: not specified

Vorticity and polarization at RHIC and the LHC

Wednesday, 7 December 2022 10:10 (35 minutes)

Presenter: SONG, Huichao (LBNL) **Session Classification:** Vorticity and spin

Self-similar solutions of the diffu

Contribution ID: 37

Type: not specified

Self-similar solutions of the diffusion equation

Wednesday, 7 December 2022 11:10 (25 minutes)

Presenter: Dr BARNA, Imre Ferenc (Wigner Research Center) **Session Classification:** Hydrodynamics

Shakhov-like extension of the RT $\,\cdots\,$

Contribution ID: 38

Type: not specified

Shakhov-like extension of the RTA in relativistic kinetic theory

Wednesday, 7 December 2022 11:35 (25 minutes)

Presenter: AMBRUS, Victor Eugen (West University of Timisoara (RO)) **Session Classification:** Hydrodynamics

Perturbative approaches in relati ...

Contribution ID: 39

Type: not specified

Perturbative approaches in relativistic kinetic theory and the emergence of first-order hydrodynamics

Wednesday, 7 December 2022 12:00 (15 minutes)

Presenter:SOARES ROCHA, GabrielSession Classification:Hydrodynamics

A new formalism to determine Q $\,\cdots\,$

Contribution ID: 40

Type: not specified

A new formalism to determine QCD equation of state at a finite chemical potential

Wednesday, 7 December 2022 12:15 (15 minutes)

Presenter: MITRA, Sabarnya (Indian Institute of Science, Bangalore) **Session Classification:** Hydrodynamics Zimanyi Winter · · · / Report of Contributions

Jets Measurements with PHENIX - ···

Contribution ID: 41

Type: not specified

Jets Measurements with PHENIX - online contribution

Wednesday, 7 December 2022 14:00 (35 minutes)

Presenter: CONNORS, Megan Elizabeth **Session Classification:** Jets

Jet quenching in evolving anisotr ...

Contribution ID: 42

Type: not specified

Jet quenching in evolving anisotropic matter

Wednesday, 7 December 2022 14:35 (25 minutes)

Presenter: SADOFYEV, Andrey (Massachusetts Inst. of Technology (US)) Session Classification: Jets

Analysis of strange V0 particles in …

Contribution ID: 43

Type: not specified

Analysis of strange V0 particles in jets produced in PbPb collisions at the ALICE experiment at CERN

Wednesday, 7 December 2022 15:00 (15 minutes)

Presenter: GRECKA, Ekaterina (Czech Academy of Sciences (CZ))

Session Classification: Jets

Zimanyi Winter · · · / Report of Contributions

Medium induced gluon spectrum ···

Contribution ID: 44

Type: not specified

Medium induced gluon spectrum in dense inhomogeneous matter

Wednesday, 7 December 2022 15:15 (15 minutes)

Presenter: MAYO LOPEZ, Xoan (Universidade de Santiago de Compostela (ES))

Session Classification: Jets

Studies of color reconnection and …

Contribution ID: 45

Type: not specified

Studies of color reconnection and fragmentation with the CMS

Wednesday, 7 December 2022 15:30 (15 minutes)

Presenter: RADL, Attila Jozsef (Eotvos Lorand University (HU))

Session Classification: Jets

Anisotropy of the QGP droplet in ...

Contribution ID: 46

Type: not specified

Anisotropy of the QGP droplet investigated through high-pt data

Wednesday, 7 December 2022 15:45 (15 minutes)

Presenter:Mr STOJKU, StefanSession Classification:Jets

Zimanyi Winter ··· / Report of Contributions

Nanoplasmonic laser fusion

Contribution ID: 47

Type: not specified

Nanoplasmonic laser fusion

Wednesday, 7 December 2022 16:30 (25 minutes)

Presenter:CSERNAI, Laszlo (Department of Physics and Technology)**Session Classification:**Plasma and fusion

Zimanyi Winter ··· / Report of Contributions

With nanoplasmonics towards fu $\,\cdots\,$

Contribution ID: 48

Type: not specified

With nanoplasmonics towards fusion

Wednesday, 7 December 2022 16:55 (25 minutes)

Presenter: BIRO, Tamas Sandor (MTA Wigner RCP) **Session Classification:** Plasma and fusion

Particles and Plasmas in the Prim ...

Contribution ID: 49

Type: not specified

Particles and Plasmas in the Primordial Universe

Wednesday, 7 December 2022 17:20 (25 minutes)

Presenter: RAFELSKI, Johann (University of Arizona) **Session Classification:** Plasma and fusion

Constraining Neutron Stars With ···

Contribution ID: 50

Type: not specified

Constraining Neutron Stars With Microscopic and Macroscopic Collisions - online contribution

Thursday, 8 December 2022 09:00 (35 minutes)

Presenter: LE FÈVRE, Arnaud **Session Classification:** Neutron stars Zimanyi Winter · · · / Report of Contributions

Reaching percolation and confor ...

Contribution ID: 51

Type: not specified

Reaching percolation and conformal limits in neutron stars

Thursday, 8 December 2022 09:35 (25 minutes)

Presenter: MARCZENKO, Michał (University of Wrocław)

Session Classification: Neutron stars

Zimanyi Winter · · · / Report of Contributions

Quantum design in study of pycn ...

Contribution ID: 52

Type: not specified

Quantum design in study of pycnonuclear reactions in compact stars: Nuclear fusion, new quasibound states and spectroscopy

Thursday, 8 December 2022 10:00 (25 minutes)

Presenter: Dr MAYDANYUK, Sergei (Wigner Research Centre for Physics, Budapest, Hungary)

Session Classification: Neutron stars

Model independent Odderon resu

Contribution ID: 53

Type: not specified

Model independent Odderon results - based on new TOTEM data at 8 TeV

Thursday, 8 December 2022 11:15 (25 minutes)

Presenter: CSORGO, Tamas (MATE Institute of Technology Karoly Robert Campus (HU)) **Session Classification:** Odderon and diffraction

Levy generalization of the Phillips- ···

Contribution ID: 54

Type: not specified

Levy generalization of the Phillips-Barger model for elastic pp scattering

Thursday, 8 December 2022 11:40 (25 minutes)

Presenter: STER, Andras (Hungarian Academy of Sciences (HU)) **Session Classification:** Odderon and diffraction

The ReBB model at 8 TeV: Odder ...

Contribution ID: 55

Type: not specified

The ReBB model at 8 TeV: Odderon exchange is a certainty

Thursday, 8 December 2022 12:05 (15 minutes)

Presenter: SZANYI, Istvan (Eötvös University, Wigner RCP, MATE KRC) **Session Classification:** Odderon and diffraction

Recent results from the TOTEM E $\,\cdots\,$

Contribution ID: 56

Type: not specified

Recent results from the TOTEM Experiment - online contribution

Thursday, 8 December 2022 10:50 (25 minutes)

Presenter: NEMES, Frigyes Janos (CERN (also at Wigner RCP Budapest, Hungary)) **Session Classification:** Odderon and diffraction

Event-by-event analysis of the tw ...

Contribution ID: 57

Type: not specified

Event-by-event analysis of the two particle source in EPOS

Thursday, 8 December 2022 14:00 (3 minutes)

Presenter: KINCSES, Dániel (Eötvös Loránd University) **Session Classification:** Flash talks

Lévy-type HBT correlation meas ····

Contribution ID: 58

Type: not specified

Lévy-type HBT correlation measurements for identical kaons at PHENIX

Thursday, 8 December 2022 14:03 (3 minutes)

Presenter: NAGY, Marton (Eotvos Lorand University (HU)) **Session Classification:** Flash talks

Centrality dependent Levy HBT a $\,\cdots\,$

Contribution ID: 59

Type: not specified

Centrality dependent Levy HBT analysis at CMS

Thursday, 8 December 2022 14:06 (3 minutes)

Presenter: KORODI, Balazs (Eotvos Lorand University (HU)) **Session Classification:** Flash talks

Cumulants with global baryon co $\,\cdots\,$

Contribution ID: 60

Type: not specified

Cumulants with global baryon conservation and short-range correlations

Thursday, 8 December 2022 14:09 (3 minutes)

Presenter: BAREJ, Michal (AGH UST Krakow) **Session Classification:** Flash talks

Event-shape-dependent analysis ···

Contribution ID: 61

Type: not specified

Event-shape-dependent analysis of charm-anticharm correlations in simulations

Thursday, 8 December 2022 14:12 (3 minutes)

Presenter: Ms HORVÁTH, Anikó (Wigner RCP, Eotvos University, Budapest, Hungary) **Session Classification:** Flash talks

Event-activity dependence of cha ···

Contribution ID: 62

Type: not specified

Event-activity dependence of charm and beauty baryon production at LHC energies

Thursday, 8 December 2022 14:15 (3 minutes)

Presenter: VARGA, Zoltan (Wigner Research Centre for Physics (Wigner RCP) (HU)) **Session Classification:** Flash talks

Analysis of pi0 in the large 2014 2 $\,\cdots$

Contribution ID: 63

Type: not specified

Analysis of pi0 in the large 2014 200 GeV Au+Au dataset from PHENIX

Thursday, 8 December 2022 14:18 (3 minutes)

Presenter: Ms ABDULAMEER, Nour (DEBRECEN UNIVERSITY)

Session Classification: Flash talks

Flow fluctuation and factorization ····

Contribution ID: 64

Type: not specified

Flow fluctuation and factorization breaking in heavy ion collision

Thursday, 8 December 2022 14:21 (3 minutes)

Presenter: SAMANTA, Rupam (AGH University of Science and Technology) **Session Classification:** Flash talks

Jet energy loss in relativistic …

Contribution ID: 65

Type: not specified

Jet energy loss in relativistic heavy-ion collisions with realistic medium modeling

Thursday, 8 December 2022 14:24 (3 minutes)

Presenter:BOBEK, Josef (CTU FNSPE)Session Classification:Flash talks

Hadron production from virtual l \cdots

Contribution ID: 66

Type: not specified

Hadron production from virtual leading partons

Thursday, 8 December 2022 14:27 (3 minutes)

Presenter: Dr URMOSSY, Karoly (Dept. for Atomic Phys. ELTE, Budapest, Hungary) **Session Classification:** Flash talks

The development of a Machine \cdots

Contribution ID: 67

Type: not specified

The development of a Machine Learning-based hadronization model

Thursday, 8 December 2022 14:30 (3 minutes)

Presenter: BIRO, Gabor (Wigner Research Centre for Physics (Wigner RCP) (HU)) **Session Classification:** Flash talks

Measuring pseudorapity distribut ...

Contribution ID: 68

Type: not specified

Measuring pseudorapity distributions with STAR EPD detector

Thursday, 8 December 2022 14:33 (3 minutes)

Presenter: MOLNÁR, Mátyás **Session Classification:** Flash talks

Newtonian noise estimation for E \cdots

Contribution ID: 69

Type: not specified

Newtonian noise estimation for ET - the effect of rock rheology

Thursday, 8 December 2022 14:36 (3 minutes)

Presenter: Dr SZÜCS, Mátyás (Wigner Research Centre for Physics, Budapest, Hungary)Session Classification: Flash talks

Probability density-based image r ···

Contribution ID: 70

Type: not specified

Probability density-based image reconstruction for proton Computed Tomography

Thursday, 8 December 2022 14:39 (3 minutes)

Presenter: SUDAR, Akos (Wigner Research Centre for Physics (Wigner RCP) (HU)) **Session Classification:** Flash talks

Contributions of gravitational-...

Contribution ID: 71

Type: not specified

Contributions of gravitational-wave observations to heavy-ion physics

Thursday, 8 December 2022 14:42 (3 minutes)

Presenter: FENYVESI, Edit Session Classification: Flash talks

Thermodynamic modified gravity ···

Contribution ID: 72

Type: not specified

Thermodynamic modified gravity and dark matter

Thursday, 8 December 2022 14:45 (3 minutes)

Presenter: PSZOTA, Máté (Eötvös University, Wigner RCP, Budapest, Hungary) **Session Classification:** Flash talks

Superfluid thermodynamics

Contribution ID: 73

Type: not specified

Superfluid thermodynamics

Thursday, 8 December 2022 14:48 (3 minutes)

Presenter: VÁN, Péter **Session Classification:** Flash talks

Exploring Quantum Entangleme

Contribution ID: 74

Type: not specified

Exploring Quantum Entanglement in Relativistic Heavy Ion Collisions

Thursday, 8 December 2022 14:51 (3 minutes)

Presenter: ROMERO MARROQUIN, Eliana Paula (Universidade de Sao Paulo (BR)) **Session Classification:** Flash talks

Tensor glueball scattering releva ···

Contribution ID: 75

Type: not specified

Tensor glueball scattering relevance for Glueball Resonance Gas

Thursday, 8 December 2022 14:54 (3 minutes)

Presenter: TROTTI, Enrico Session Classification: Flash talks

Importance of the vacuum size in …

Contribution ID: 76

Type: not specified

Importance of the vacuum size in finite volume effects on the QCD phase diagram

Thursday, 8 December 2022 14:57 (3 minutes)

Presenter:KOVÁCS, Győző (Wigner RCP)Session Classification:Flash talks

Study of self-similar solution of \cdots

Contribution ID: 77

Type: not specified

Study of self-similar solution of self-gravitating non-relativistic fluids

Thursday, 8 December 2022 15:03 (3 minutes)

Presenter: SZIGETI, Balazs Endre (Wigner Research Centre for Physics (Wigner RCP) (HU)) **Session Classification:** Flash talks

Propagation properties of spin de ...

Contribution ID: 78

Type: not specified

Propagation properties of spin degrees of freedom within the framework of relativistic hydrodynamics with spin

Thursday, 8 December 2022 15:06 (3 minutes)

Presenter: Mr SINGH, Rajeev (Institute of Nuclear Physics Polish Academy of Sciences)Session Classification: Flash talks

Zimanyi Winter $\cdots \ /$ Report of Contributions

Accessing nuclear structure at co ...

Contribution ID: 79

Type: not specified

Accessing nuclear structure at colliders via high-energy isobar collisions - online contribution

Friday, 9 December 2022 09:00 (35 minutes)

Presenter: GIACALONE, Giuliano (Universität Heidelberg) **Session Classification:** Initial stages

The early stage of heavy-ion colli \cdots

Contribution ID: 80

Type: not specified

The early stage of heavy-ion collisions

Friday, 9 December 2022 09:35 (35 minutes)

Presenter: Dr DU, Xiaojian (Bielefeld University) **Session Classification:** Initial stages Zimanyi Winter $\cdots \ /$ Report of Contributions

Opacity dependence of pre- \cdots

Contribution ID: 81

Type: not specified

Opacity dependence of pre-equilibrium and applicability of hydrodynamics in heavy-ion collisions

Friday, 9 December 2022 10:10 (15 minutes)

Presenter: WERTHMANN, Clemens Session Classification: Initial stages

Jet momentum broadening during …

Contribution ID: 82

Type: not specified

Jet momentum broadening during initial stages of heavy-ion collisions from effective kinetic theory

Friday, 9 December 2022 10:25 (15 minutes)

Presenter: LINDENBAUER, Florian (TU Wien) **Session Classification:** Initial stages

Experimental overview of vector ···

Contribution ID: 83

Type: not specified

Experimental overview of vector mesons spin alignment - online contribution

Friday, 9 December 2022 11:05 (35 minutes)

Presenter: BIANCHI, Livio (Universita e INFN Torino (IT)) **Session Classification:** Mesons and dileptons

Study of the K+ decay with the N $\,\cdots\,$

Contribution ID: 84

Type: not specified

Study of the K+ decay with the NA62 Experiment

Friday, 9 December 2022 11:40 (15 minutes)

Presenter: FEHERKUTI, Anna (Eotvos Lorand University (HU)) **Session Classification:** Mesons and dileptons

Effective spectral functions of ve ...

Contribution ID: 85

Type: not specified

Effective spectral functions of vector mesons from lifetime analysis

Friday, 9 December 2022 11:55 (15 minutes)

Presenter: HIRAYAMA, Renan (FIAS) **Session Classification:** Mesons and dileptons

Phase transitions in relativistic m ...

Contribution ID: 86

Type: not specified

Phase transitions in relativistic meson systems

Friday, 9 December 2022 14:00 (25 minutes)

Presenter: ANCHISHKIN, Dmitry (Bogolyubov Institute for Theoretical Physics (ITP)) **Session Classification:** Effective theories and other topics

N = 4 supersymmetric Yang-Mills ····

Contribution ID: 87

Type: not specified

N = 4 supersymmetric Yang-Mills thermodynamics to order lambda^(5/2) from effective field theory

Friday, 9 December 2022 14:25 (15 minutes)

Presenter: TANTARY, Ubaid (Kent State University, Kent Ohio, USA) **Session Classification:** Effective theories and other topics

Advancements in the Einstein Te $\, \cdots \,$

Contribution ID: 88

Type: not specified

Advancements in the Einstein Telescope project

Friday, 9 December 2022 14:40 (25 minutes)

Presenter: KOVACS, Robert

Session Classification: Effective theories and other topics

Zimanyi Winter $\cdots \ /$ Report of Contributions

Closing Remarks, Awards

Contribution ID: 89

Type: not specified

Closing Remarks, Awards

Friday, 9 December 2022 15:05 (10 minutes)

Presenter:CSANAD, Mate (Eotvos University, Budapest)Session Classification:Effective theories and other topics

Isospin breaking in the Extended …

Contribution ID: 90

Type: not specified

Isospin breaking in the Extended Linear Sigma model

Thursday, 8 December 2022 15:00 (3 minutes)

Presenter: Dr KOVÁCS, Péter (Wigner RCP) **Session Classification:** Flash talks