

International Conference "Advances in Quantum Field Theory (AQFT'25)"



Report of Contributions

Contribution ID: 1

Type: **not specified**

Opening

Monday 11 August 2025 09:30 (10 minutes)

Presenter: KAZAKOV, Dmitry (JINR)

Session Classification: Morning session

Contribution ID: 2

Type: **not specified**

Surprises in supersymmetric quantum field theory

Monday 11 August 2025 09:40 (50 minutes)

Author: BUCHBINDER, Ioseph (Laboratory of Theoretical Physics, Joint Institute for Nuclear Research)

Presenter: BUCHBINDER, Ioseph (Laboratory of Theoretical Physics, Joint Institute for Nuclear Research)

Session Classification: Morning session

Contribution ID: 3

Type: **not specified**

Naturalness Criteria for Standard Model

Friday 15 August 2025 10:30 (30 minutes)

Author: KIM, Victor (NRC KI - PNPI, Gatchina)

Presenter: KIM, Victor (NRC KI - PNPI, Gatchina)

Session Classification: Morning session

Contribution ID: 4

Type: **not specified**

Factorization of infrared singularities and the Steinmann relation

Monday 11 August 2025 12:30 (30 minutes)

Author: FADIN, Victor (Budker Institute of Nuclear Physics)

Presenter: FADIN, Victor (Budker Institute of Nuclear Physics)

Session Classification: Morning session

Contribution ID: 5

Type: **not specified**

Monodromy of multiloop integrals in d dimensions

Tuesday 12 August 2025 11:30 (30 minutes)

Author: LEE, Roman (Budker Institute of Nuclear Physics)

Presenter: LEE, Roman (Budker Institute of Nuclear Physics)

Session Classification: Morning session

Contribution ID: 6

Type: **not specified**

Light fields in de Sitter space-time

Monday 11 August 2025 12:00 (30 minutes)

Author: AKHMEDOV, Emil (MIPT and ITEP)

Presenter: AKHMEDOV, Emil (MIPT and ITEP)

Session Classification: Morning session

Contribution ID: 7

Type: **not specified**

Small-pT charmonium production in the soft-gluon resummation approach

Tuesday 12 August 2025 12:30 (30 minutes)

Author: SALEEV, Vladimir (Samara National Research University)

Presenter: SALEEV, Vladimir (Samara National Research University)

Session Classification: Morning session

Contribution ID: 8

Type: **not specified**

Relativistic fluid dynamics with multiple conserved charges and holography

Tuesday 12 August 2025 10:00 (30 minutes)

Author: STARINETS, Andrei (University of Oxford)

Presenter: STARINETS, Andrei (University of Oxford)

Session Classification: Morning session

Contribution ID: 9

Type: **not specified**

Hatted zeta-values in Feynman diagrams

Tuesday 12 August 2025 12:00 (30 minutes)

Author: KOTIKOV, Anatoly (JINR)

Presenter: KOTIKOV, Anatoly (JINR)

Session Classification: Morning session

Contribution ID: **10**

Type: **not specified**

TBA

Monday 11 August 2025 10:30 (30 minutes)

Author: BARVINSKY, Andrei

Presenter: BARVINSKY, Andrei

Session Classification: Morning session

Contribution ID: **11**

Type: **not specified**

Non-renormalizable interactions beyond the leading order

Monday 11 August 2025 11:30 (30 minutes)

Author: KAZAKOV, Dmitry (JINR)

Presenter: KAZAKOV, Dmitry (JINR)

Session Classification: Morning session

Contribution ID: 12

Type: **not specified**

Harmonic Analyticity as a Basis of $N=2$ Supersymmetric Higher Spins

Thursday 14 August 2025 10:30 (30 minutes)

Author: IVANOV, Evgeny (BLTP JINR)

Presenter: IVANOV, Evgeny (BLTP JINR)

Session Classification: Morning session

Contribution ID: 13

Type: **not specified**

Correlator of heavy-light quark currents in HQET

Wednesday 13 August 2025 09:30 (30 minutes)

Author: GROZIN, Andrey (Budker Institute of Nuclear Physics)

Presenter: GROZIN, Andrey (Budker Institute of Nuclear Physics)

Session Classification: Morning session

Contribution ID: 14

Type: **not specified**

(Hyper)kahler reduction for pedestrians

Wednesday 13 August 2025 10:00 (30 minutes)

Author: SMILGA, Andrei (University of Nantes)

Presenter: SMILGA, Andrei (University of Nantes)

Session Classification: Morning session

Contribution ID: 15

Type: **not specified**

Gravity and QCD

Tuesday 12 August 2025 09:30 (30 minutes)

Author: TERYAEV, Oleg (JINR)

Presenter: TERYAEV, Oleg (JINR)

Session Classification: Morning session

Contribution ID: **16**

Type: **not specified**

TBA

Tuesday 12 August 2025 10:30 (30 minutes)

Author: AREF'EVA, Irina (Steklov Mathematical Institute)

Presenter: AREF'EVA, Irina (Steklov Mathematical Institute)

Session Classification: Morning session

Contribution ID: 17

Type: **not specified**

2D holography beyond Jackiw-Teitelboim

Wednesday 13 August 2025 12:30 (30 minutes)

Author: VASSILEVICH, Dmitri (UFABC)

Presenter: VASSILEVICH, Dmitri (UFABC)

Session Classification: Morning session

Contribution ID: **18**

Type: **not specified**

Extending the LCSR method to the electromagnetic pion form factor at low momenta using QCD renormalization-group summation

Wednesday 13 August 2025 10:30 (30 minutes)

Author: MIKHAILOV, Sergey (BLTP, JINR)

Presenter: MIKHAILOV, Sergey (BLTP, JINR)

Session Classification: Morning session

Contribution ID: 19

Type: **not specified**

IR-effective quantum gravity in a theory with a cosmological constant: a renormalization group study of the gravitational potential at large distances

Thursday 14 August 2025 12:00 (30 minutes)

Author: NALIMOV, Mikhail (SPdU)

Presenter: NALIMOV, Mikhail (SPdU)

Session Classification: Morning session

Contribution ID: 20

Type: **not specified**

The Dirac singleton as a relativistic field beyond the Standard Model

Thursday 14 August 2025 09:30 (30 minutes)

Author: VASILIEV, Mikhail (LPI RAS)

Presenter: VASILIEV, Mikhail (LPI RAS)

Session Classification: Morning session

Contribution ID: 21

Type: **not specified**

On BRST Lagrange formulation of higher spin fields

Thursday 14 August 2025 11:30 (30 minutes)

Author: FEDORUK, Sergey (BLTP JINR)

Presenter: FEDORUK, Sergey (BLTP JINR)

Session Classification: Morning session

Contribution ID: 22

Type: **not specified**

Critical non-Abelian vortex string in $N=2$ supersymmetric QCD and (mass-deformed) world sheet Liouville theory

Wednesday 13 August 2025 12:00 (30 minutes)

Author: YUNG, Alexei (Petersburg Nuclear Physics Institute)

Presenter: YUNG, Alexei (Petersburg Nuclear Physics Institute)

Session Classification: Morning session

Contribution ID: 23

Type: **not specified**

On QED in the Schwarzschild spacetime

Friday 15 August 2025 12:00 (30 minutes)

Author: VOLOBUEV, Igor (Skobeltsyn Institute of Nuclear Physics (SINP MSU))

Presenter: VOLOBUEV, Igor (Skobeltsyn Institute of Nuclear Physics (SINP MSU))

Session Classification: Morning session

Contribution ID: 24

Type: **not specified**

Conformal four-point ladder integrals in diverse dimensions and polylogarithms

Wednesday 13 August 2025 11:30 (30 minutes)

Author: ISAEV, Alexey (BLTP, JINR)

Presenter: ISAEV, Alexey (BLTP, JINR)

Session Classification: Morning session

Contribution ID: 25

Type: **not specified**

On massive higher spins and gravity

Thursday 14 August 2025 10:00 (30 minutes)

Author: ZINOVIEV, Yurii (IHEP)

Presenter: ZINOVIEV, Yurii (IHEP)

Session Classification: Morning session

Contribution ID: 26

Type: **not specified**

Three-loop anomalous dimensions of fixed-charge operators in the SM

Friday 15 August 2025 11:30 (30 minutes)

Author: BEDNYAKOV, Alexander (Joint Institute for Nuclear Research)

Presenter: BEDNYAKOV, Alexander (Joint Institute for Nuclear Research)

Session Classification: Morning session

Contribution ID: 27

Type: **not specified**

Once more on Riemann dzeta functions cancellations and manifestations in the multiloop calculations

Friday 15 August 2025 09:30 (30 minutes)

Author: KATAEV, Andrei (Institute for Nuclear Research of RAS)

Presenter: KATAEV, Andrei (Institute for Nuclear Research of RAS)

Session Classification: Morning session

Contribution ID: 28

Type: **not specified**

Renormalization group running of couplings in various supersymmetric theories

Friday 15 August 2025 10:00 (30 minutes)

Author: STEPANYANTZ, Konstantin (MSU)

Presenter: STEPANYANTZ, Konstantin (MSU)

Session Classification: Morning session

Contribution ID: 29

Type: **not specified**

Strong interaction origin of hadron mass

Thursday 14 August 2025 12:30 (30 minutes)

Author: YANG, Yi-Bo (ITP CAS)

Presenter: YANG, Yi-Bo (ITP CAS)

Session Classification: Morning session

Contribution ID: 30

Type: **not specified**

Mathematical paradoxes of the Dirac equation representations

Friday 15 August 2025 12:30 (30 minutes)

Author: NEZNAMOV, Vasiliy (Federal Nuclear Center-All-Russian Research Institute of Experimental Physics (FSUE "RFNC-VNIIEF"))

Presenter: NEZNAMOV, Vasiliy (Federal Nuclear Center-All-Russian Research Institute of Experimental Physics (FSUE "RFNC-VNIIEF"))

Session Classification: Morning session

Contribution ID: 31

Type: **not specified**

On beta-function of supersymmetric deformed integrable sigma models

Monday 11 August 2025 14:20 (20 minutes)

Author: ALFIMOV, Mikhail (HSE University, LPI RAS and NRNU MEPhI)

Presenter: ALFIMOV, Mikhail (HSE University, LPI RAS and NRNU MEPhI)

Session Classification: Afternoon session

Contribution ID: 32

Type: **not specified**

Integrability and collinear OPE for form factors in $N=4$ SYM

Monday 11 August 2025 14:40 (20 minutes)

Author: BORK, Leonid (ITEP, CFAR VNIIA)

Presenter: BORK, Leonid (ITEP, CFAR VNIIA)

Session Classification: Afternoon session

Contribution ID: 33

Type: **not specified**

4d superconformal indices, 3d partition functions and many-body systems

Monday 11 August 2025 15:00 (20 minutes)

Presenter: SPIRIDONOV, Vyacheslav (BLTP JINR)

Session Classification: Afternoon session

Contribution ID: 34

Type: **not specified**

Active and sterile Majorana neutrinos in models with left-right chiral symmetry

Monday 11 August 2025 15:20 (20 minutes)

Author: DUBININ, Mikhail (SINP, Moscow State University)

Presenter: DUBININ, Mikhail (SINP, Moscow State University)

Session Classification: Afternoon session

Contribution ID: 35

Type: **not specified**

Hypergeometric functions, IBP reduction and series expansions

Monday 11 August 2025 16:20 (20 minutes)

Author: ONISHCHENKO, Andrei (JINR)

Presenter: ONISHCHENKO, Andrei (JINR)

Session Classification: Afternoon session

Contribution ID: 36

Type: **not specified**

Continuous spin field in D-dimensional AdS space

Monday 11 August 2025 17:40 (20 minutes)

Author: PODOINITSYN, Mikhail (JINR, BLTP)

Presenter: PODOINITSYN, Mikhail (JINR, BLTP)

Session Classification: Afternoon session

Contribution ID: 37

Type: **not specified**

Disparity in sound speeds: implications for unitarity and effective potential in quantum field theory

Monday 11 August 2025 17:00 (20 minutes)

Presenter: Dr AGEEVA, Yulia (INR RAS)

Session Classification: Afternoon session

Contribution ID: 38

Type: **not specified**

Jet Quenching in Anisotropic Holographic QCD: Analysis of Phase Transitions and Critical Regions

Monday 11 August 2025 17:20 (20 minutes)

Author: SLEPOV, Pavel (MI RAS)

Presenter: SLEPOV, Pavel (MI RAS)

Session Classification: Afternoon session

Contribution ID: 39

Type: **not specified**

Holographic RG flows in a 3D gauged supergravity

Monday 11 August 2025 16:40 (20 minutes)

Author: ASTRAKHANTSEV, Lev (MIPT, ITEP, ITMP MSU)

Presenter: ASTRAKHANTSEV, Lev (MIPT, ITEP, ITMP MSU)

Session Classification: Afternoon session

Contribution ID: 40

Type: **not specified**

On a covariant quantization of totally antisymmetric tensor-spinor field model

Tuesday 12 August 2025 14:20 (20 minutes)

Author: KRYKHTIN, Vladimir (Tomsk State Pedagogical University)

Presenter: KRYKHTIN, Vladimir (Tomsk State Pedagogical University)

Session Classification: Afternoon session

Contribution ID: 41

Type: **not specified**

1D sigma models via spin chains

Tuesday 12 August 2025 14:40 (20 minutes)

Author: BYKOV, Dmitry (MI RAS)

Presenter: BYKOV, Dmitry (MI RAS)

Session Classification: Afternoon session

Contribution ID: 42

Type: **not specified**

The model of the interaction of the Majorana fermion with the electromagnetic field

Friday 15 August 2025 15:00 (20 minutes)

Author: PISMAK, Yury (Saint-Petersburg State University)

Presenter: PISMAK, Yury (Saint-Petersburg State University)

Session Classification: Afternoon session

Contribution ID: 43

Type: **not specified**

Yang-Baxter structure of extended space

Tuesday 12 August 2025 15:20 (20 minutes)

Author: MUSAEV, Edvard (Moscow Institute of Physics and Technology)

Presenter: MUSAEV, Edvard (Moscow Institute of Physics and Technology)

Session Classification: Afternoon session

Contribution ID: 44

Type: **not specified**

Neutrino spin oscillations in the vicinity of a black hole.

Friday 15 August 2025 17:30 (20 minutes)

Presenter: DEKA, Mridupawan (Joint Institute for Nuclear Research)

Session Classification: Afternoon session

Contribution ID: 45

Type: **not specified**

TBA

Tuesday 12 August 2025 16:30 (20 minutes)

Author: TOLKACHEV, Denis (JINR BLTP)

Presenter: TOLKACHEV, Denis (JINR BLTP)

Session Classification: Afternoon session

Contribution ID: 46

Type: **not specified**

Exact Landau method in QM

Tuesday 12 August 2025 16:50 (20 minutes)

Presenter: FARKHTDINOV, Bulat (INR RAS)

Session Classification: Afternoon session

Contribution ID: 47

Type: **not specified**

Effective action for Einstein Universe and anomaly driven Inflation

Friday 15 August 2025 16:50 (20 minutes)

Presenter: KOLGANOV, Nikita (MIPT & ITMP MSU & ITEP)

Session Classification: Afternoon session

Contribution ID: 48

Type: **not specified**

Physical state of axion and its phenomology in the 3-3-1 with B-L symmetry model

Tuesday 12 August 2025 17:10 (20 minutes)

Author: Dr BINH, Vu Hoa (Vietnam Academy of Science and Technology)

Presenter: Dr BINH, Vu Hoa (Vietnam Academy of Science and Technology)

Session Classification: Afternoon session

Contribution ID: 49

Type: **not specified**

String tension in magnetic field for HQGP

Tuesday 12 August 2025 17:30 (20 minutes)

Author: Dr RANNU, Kristina (Educational and Scientific Institute of Gravitation and Cosmology (ESIGC) of Peoples Friendship University of Russia (RUDN))

Presenter: Dr RANNU, Kristina (Educational and Scientific Institute of Gravitation and Cosmology (ESIGC) of Peoples Friendship University of Russia (RUDN))

Session Classification: Afternoon session

Contribution ID: 50

Type: **not specified**

Two-loop chiral effective superpotential in some gauge $N=1$ supersymmetric models

Tuesday 12 August 2025 17:50 (20 minutes)

Author: MUKHAEVA, Alfia (Dubna State University, Joint Institute for nuclear research)

Presenter: MUKHAEVA, Alfia (Dubna State University, Joint Institute for nuclear research)

Session Classification: Afternoon session

Contribution ID: 51

Type: **not specified**

Minimal string theory and topological recursion

Wednesday 13 August 2025 18:10 (20 minutes)

Author: ARTEMEV, Aleksandr (Landau Institute for Theoretical Physics)

Presenter: ARTEMEV, Aleksandr (Landau Institute for Theoretical Physics)

Session Classification: Afternoon session

Contribution ID: 52

Type: **not specified**

On the kinetic mixing of the Weyl meson and vector bosons of the Standard Model

Monday 11 August 2025 15:40 (20 minutes)

Author: SEDOV, Sergey (Sarov State Physics Technical Institute, National Research Nuclear University MEPhI, Sarov Branch (SarPhTI), Sarov, Russia)

Presenter: SEDOV, Sergey (Sarov State Physics Technical Institute, National Research Nuclear University MEPhI, Sarov Branch (SarPhTI), Sarov, Russia)

Session Classification: Afternoon session

Contribution ID: 53

Type: **not specified**

Meson mass spectrum in large N 2D QCD

Wednesday 13 August 2025 14:40 (20 minutes)

Author: LITVINOV, Alexey (Skoltech)

Presenter: LITVINOV, Alexey (Skoltech)

Session Classification: Afternoon session

Contribution ID: 54

Type: **not specified**

Scale and scheme dependence in applications of QED parton distribution and fragmentation functions

Wednesday 13 August 2025 14:20 (20 minutes)

Author: ARBUZOV, Andrej (BLTP JINR)

Presenter: ARBUZOV, Andrej (BLTP JINR)

Session Classification: Afternoon session

Contribution ID: 55

Type: **not specified**

Perturbative renormalization by FEs on a compact manifold without boundary

Wednesday 13 August 2025 15:20 (20 minutes)

Author: BORJI, Majdoline (Max-Planck institute for mathematics (Leipzig))

Presenter: BORJI, Majdoline (Max-Planck institute for mathematics (Leipzig))

Session Classification: Afternoon session

Contribution ID: 56

Type: **not specified**

Bounds on the renormalization group functions and dark matter

Friday 15 August 2025 14:40 (20 minutes)

Author: KRASNIKOV, Nikolai (Institute for Nuclear Research RAS)

Presenter: KRASNIKOV, Nikolai (Institute for Nuclear Research RAS)

Session Classification: Afternoon session

Contribution ID: 57

Type: **not specified**

U(1) gauged boson stars

Thursday 14 August 2025 17:10 (20 minutes)

Author: SHNIR, Yakov (BLTP, JINR)

Presenter: SHNIR, Yakov (BLTP, JINR)

Session Classification: Afternoon session

Contribution ID: 58

Type: **not specified**

Loop Corrections in Fermi Theory

Wednesday 13 August 2025 17:10 (20 minutes)

Author: BORLAKOV, Arthur (JINR)

Presenter: BORLAKOV, Arthur (JINR)

Session Classification: Afternoon session

Contribution ID: 59

Type: **not specified**

Conformal field theory in boxed black holes and information paradox

Wednesday 13 August 2025 16:50 (20 minutes)

Author: AGEEV, Dmitry (Steklov Mathematical Institute, RAS)

Presenter: AGEEV, Dmitry (Steklov Mathematical Institute, RAS)

Session Classification: Afternoon session

Contribution ID: 60

Type: **not specified**

Three-loop divergent contributions to effective action in $N=(1,1)$ D=6 SYM theory

Wednesday 13 August 2025 16:30 (20 minutes)

Author: MERZLIKIN, Boris (TPU)

Presenter: MERZLIKIN, Boris (TPU)

Session Classification: Afternoon session

Contribution ID: **61**

Type: **not specified**

Reducible multiplets of $N=8$, $d=1$ supersymmetry

Wednesday 13 August 2025 17:50 (20 minutes)

Author: Dr SIDOROV, Stepan (BLTP JINR)

Presenter: Dr SIDOROV, Stepan (BLTP JINR)

Session Classification: Afternoon session

Contribution ID: **62**

Type: **not specified**

TBA

Wednesday 13 August 2025 18:30 (20 minutes)

Author: ZAIGRAEV, Nikita (JINR, MIPT)

Presenter: ZAIGRAEV, Nikita (JINR, MIPT)

Session Classification: Afternoon session

Contribution ID: 63

Type: **not specified**

Properties of Non-topological Solitons in Two-dimensional Model With Restoration of Conformal Symmetry

Thursday 14 August 2025 16:30 (20 minutes)

Author: NUGAEV, Emin (INR RAS)

Presenter: NUGAEV, Emin (INR RAS)

Session Classification: Afternoon session

Contribution ID: 64

Type: **not specified**

Dirac fermion theory and spacetime geometry

Thursday 14 August 2025 15:20 (20 minutes)

Author: OBUKHOV, Yuri (Nuclear Safety Institute (IBRAE), Russian Academy of Sciences)

Presenter: OBUKHOV, Yuri (Nuclear Safety Institute (IBRAE), Russian Academy of Sciences)

Session Classification: Afternoon session

Contribution ID: 65

Type: **not specified**

New TMD functions and the twisted quark states

Wednesday 13 August 2025 15:00 (20 minutes)

Author: ANIKIN, Igor V. (Bogoliubov Lab of Theor Phys JINR)

Presenter: ANIKIN, Igor V. (Bogoliubov Lab of Theor Phys JINR)

Session Classification: Afternoon session

Contribution ID: **66**

Type: **not specified**

TBA

Tuesday 12 August 2025 15:00 (20 minutes)

Author: ALKALAEV, Konstantin (LPI RAS)

Presenter: ALKALAEV, Konstantin (LPI RAS)

Session Classification: Afternoon session

Contribution ID: 67

Type: **not specified**

Decomposition of the gluon field into monopole and monopoleless components

Thursday 14 August 2025 14:40 (20 minutes)

Author: BORNYAKOV, Vitaly (IHEP, Protvino)

Presenter: BORNYAKOV, Vitaly (IHEP, Protvino)

Session Classification: Afternoon session

Contribution ID: **68**

Type: **not specified**

TBA

Thursday 14 August 2025 15:40 (20 minutes)

Author: TARASOV, Oleg (JINR Dubna, Moscow Region, Russia)

Presenter: TARASOV, Oleg (JINR Dubna, Moscow Region, Russia)

Session Classification: Afternoon session

Contribution ID: 69

Type: **not specified**

The modern status of heavy quark physics in the covariant confined quark model

Wednesday 13 August 2025 15:40 (20 minutes)

Author: IVANOV, Mikhail (Joint Institute for Nuclear Research, Dubna, Russia)

Presenter: IVANOV, Mikhail (Joint Institute for Nuclear Research, Dubna, Russia)

Session Classification: Afternoon session

Contribution ID: **70**

Type: **not specified**

TBA

Friday 15 August 2025 15:20 (20 minutes)

Author: PIROZHENKO, Irina (BLTP JINR)

Presenter: PIROZHENKO, Irina (BLTP JINR)

Session Classification: Afternoon session

Contribution ID: 71

Type: **not specified**

FeynGrav and Feynman rules for quantum gravity

Thursday 14 August 2025 16:50 (20 minutes)

Author: Dr LATOSH, Boris (BLTP JINR)

Presenter: Dr LATOSH, Boris (BLTP JINR)

Session Classification: Afternoon session

Contribution ID: 72

Type: **not specified**

Improved $N=(1,0)$, $d=6$ non-Abelian tensor theory

Thursday 14 August 2025 17:30 (20 minutes)

Author: KOZYREV, Nikolay (BLTP JINR)

Presenter: KOZYREV, Nikolay (BLTP JINR)

Session Classification: Afternoon session

Contribution ID: 73

Type: **not specified**

On quantum properties of the higher-derivative supersymmetric 6D gauge theory

Wednesday 13 August 2025 17:30 (20 minutes)

Author: BUDEKHINA, Alexandra (BLTP JINR)

Presenter: BUDEKHINA, Alexandra (BLTP JINR)

Session Classification: Afternoon session

Contribution ID: 74

Type: **not specified**

Lorentz covariance of the four-dimensional higher spin theory within the BRST formalism

Thursday 14 August 2025 14:20 (20 minutes)

Author: GELFOND, Olga (LPI RAS)

Presenter: GELFOND, Olga (LPI RAS)

Session Classification: Afternoon session

Contribution ID: 75

Type: **not specified**

Casimir effect for scalar field rotating on a disk

Friday 15 August 2025 14:20 (20 minutes)

Author: BORDAG, Michael (Universität Leipzig)

Presenter: BORDAG, Michael (Universität Leipzig)

Session Classification: Afternoon session

Contribution ID: 76

Type: **not specified**

On structure of covariant cubic vertices for interacting fermionic and bosonic higher-spin fields

Thursday 14 August 2025 15:00 (20 minutes)

Author: RESHETNYAK, Alexander

Presenter: RESHETNYAK, Alexander

Session Classification: Afternoon session

Contribution ID: 77

Type: **not specified**

Quantum field theory description of neutrino oscillations in external fields

Friday 15 August 2025 15:40 (20 minutes)

Author: DVORNIKOV, Maxim (IZMIRAN)

Presenter: DVORNIKOV, Maxim (IZMIRAN)

Session Classification: Afternoon session

Contribution ID: 78

Type: **not specified**

Thermal holographic RG flows and bulk-boundary propagators in truncated supergravities

Tuesday 12 August 2025 15:40 (20 minutes)

Author: GOLUBTSOVA, Anastasia (BLTP JINR)

Presenter: GOLUBTSOVA, Anastasia (BLTP JINR)

Session Classification: Afternoon session

Contribution ID: 79

Type: **not specified**

Holographic QCD running coupling for light quarks in strong magnetic field

Friday 15 August 2025 17:50 (20 minutes)

Author: Mr NIKOLAEV, Alexander (MI RAS & MSU)

Presenter: Mr NIKOLAEV, Alexander (MI RAS & MSU)

Session Classification: Afternoon session

Contribution ID: 80

Type: **not specified**

Vacuum Viscosity: The Unruh Effect vs. String Theory Bound

Tuesday 12 August 2025 18:10 (20 minutes)

Author: PROKHOROV, Georgy

Presenter: PROKHOROV, Georgy

Session Classification: Afternoon session

Contribution ID: **81**

Type: **not specified**

On the behavior of correlation functions at large time–like separation in curved space-time

Friday 15 August 2025 16:30 (20 minutes)

Author: DIAKONOV, Dmitrii (MIPT and ITEP)

Presenter: DIAKONOV, Dmitrii (MIPT and ITEP)

Session Classification: Afternoon session

Contribution ID: 82

Type: **not specified**

Off-diagonal expansions for some functions of minimal operators

Thursday 14 August 2025 17:50 (20 minutes)

Author: KALUGIN, Alexey (MIPT)

Presenter: KALUGIN, Alexey (MIPT)

Session Classification: Afternoon session

Contribution ID: 83

Type: **not specified**

The role of vacuum polarization in the decay of scalars during the preheating

Friday 15 August 2025 17:10 (20 minutes)

Author: NIKITENKO, Andrey (Russia)

Presenter: NIKITENKO, Andrey (Russia)

Session Classification: Afternoon session