

Session Program

11–15 Aug 2025



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

Afternoon session

BLTP Conference Hall
BLTP, JINR 6 Joliot-Curie, Dubna, Moscow Region

Monday 11 August

14:20

Afternoon session

Session | Location: BLTP Conference Hall, BLTP, JINR 6 Joliot-Curie, Dubna, Moscow Region

14:20–14:40 On beta-function of supersymmetric deformed integrable sigma models

Speaker

Mikhail Alfimov

14:40–15:00 Integrability and collinear OPE for form factors in N=4 SYM

Speaker

Leonid Bork

15:00–15:20 4d superconformal indices, 3d partition functions and many-body systems

Speaker

Vyacheslav Spiridonov

15:20–15:40 Active and sterile Majorana neutrinos in models with left-right chiral symmetry

Speaker

Mikhail Dubinin

15:40–16:00 On the kinetic mixing of the Weyl meson and vector bosons of the Standard Model

Speaker

Sergey Sedov

16:00

Tuesday 12 August

14:20

Afternoon session

Session | Location: BLTP Conference Hall, BLTP, JINR 6 Joliot-Curie, Dubna, Moscow Region

14:20–14:40 On a covariant quantization of totally antisymmetric tensor-spinor field model

Speaker

Vladimir Krykhtin

14:40–15:00 1D sigma models via spin chains

Speaker

Dmitry Bykov

15:00–15:20 TBA

Speaker

Konstantin Alkalaev

15:20–15:40 Yang-Baxter structure of extended space

Speaker

Edvard Musaev

15:40–16:00 Thermal holographic RG flows and bulk-boundary propagators in truncated supergravities

Speaker

Anastasia Golubtsova

16:00

Wednesday 13 August

14:20

Afternoon session

Session | Location: BLTP Conference Hall, BLTP, JINR 6 Joliot-Curie, Dubna, Moscow Region

14:20–14:40

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

Speaker

Andrej Arbuzov

14:40–15:00

Meson mass spectrum in large N 2D QCD

Speaker

Alexey Litvinov

15:00–15:20

New TMD functions and the twisted quark states

Speaker

Igor V. Anikin

15:20–15:40

Perturbative renormalization by FEs on a compact manifold without boundary

Speaker

Majdouline Borji

15:40–16:00

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

Speaker

Mikhail Ivanov

16:00

Thursday 14 August

14:20

Afternoon session

Session | Location: BLTP Conference Hall, BLTP, JINR 6 Joliot-Curie, Dubna, Moscow Region

14:20–14:40

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

Speaker

Olga Gelfond

14:40–15:00

Decomposition of the gluon field into monopole and monopoleless components

Speaker

Vitaly Bornyakov

15:00–15:20

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

Speaker

Alexander Reshetnyak

15:20–15:40

Dirac fermion theory and spacetime geometry

Speaker

Yuri Obukhov

15:40–16:00

TBA

Speaker

Oleg Tarasov

16:00