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

16:20

Afternoon session

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

16:20–16:40 Hypergeometric functions, IBP reduction and series expansions

Andrei Onishchenko

Holographic RG flows in a 3D gauged supergravity

Speaker

Lev Astrakhantsev

17:00-17:20

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

Speaker

Dr Yulia Ageeva

17:20-17:40

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

Pavel Slepov

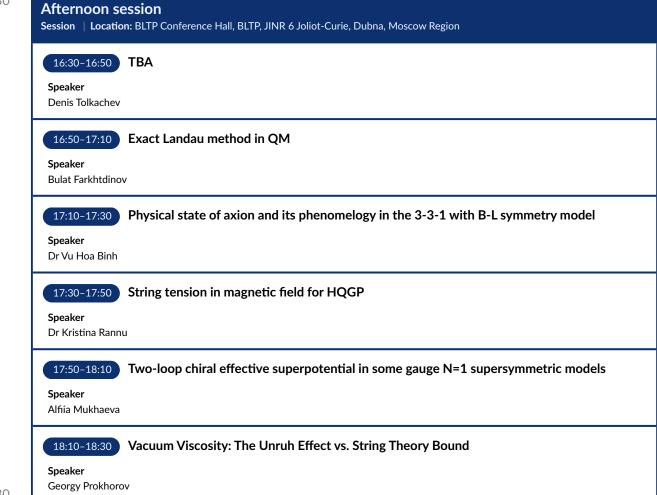
Continuous spin field in D-dimensional AdS space

Speaker

Mikhail Podoinitsyn

Tuesday 12 August

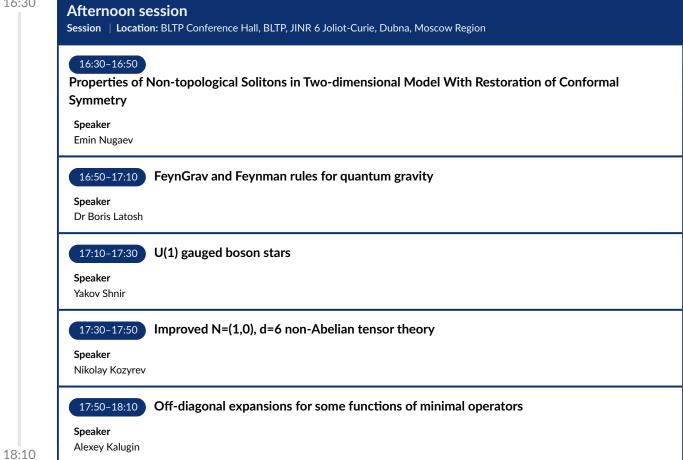
16:30



Wednesday 13 August



Thursday 14 August



Friday 15 August

14:20

Afternoon session

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14:20-14:40 Casimir effect for scalar field rotating on a disk

Michael Bordag

Bounds on the renormalization group functions and dark matter

Speaker

Nikolai Krasnikov

The model of the interaction of the Majorana fermion with the electromagnetic field 15:00-15:20

Speaker

Yury Pismak

15:20-15:40 TBA

Speaker

Irina Pirozhenko

15:40-16:00 Quantum field theory description of neutrino oscillations in external fields

Speaker

Maxim Dvornikov

16:00 16:30

Afternoon session

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16:30-16:50

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

Speaker

Dmitrii Diakonov

Effective action for Einstein Universe and anomaly driven Inflation 16:50-17:10

Speaker

Nikita Kolganov

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

Speaker

Andrey Nikitenko

Neutrino spin oscillations in the vicinity of a black hole. 17:30-17:50

Speaker

Mridupawan Deka

Holographic QCD running coupling for light quarks in strong magnetic field 17:50-18:10

Speaker

Mr Alexander Nikolaev