

QUARKS-2026

Monday, 18 May 2026

QCD physics and Standard Model (12:20 - 14:00)

-Conveners: Vladimir Petrov

time	[id] title	presenter
12:20	[332] Relativistic effects in heavy mesons	OBRAZTSOV, Ivan
12:40	[294] Heavy quark initiated deep-inelastic scattering	KUDASHKIN, Kirill
13:00	[287] On the Possibility of Vortex Light Heavy Quarkonium Spectroscopy	KOROLEV, Petr
13:20	[431] Developing universal foundational models for top-quark physics	ABASOV, Emil

QCD physics and Standard Model (15:40 - 17:00)

-Conveners: Sergei Afonin

time	[id] title	presenter
15:40	[188] Recent progress in the holographic QCD	AREF'EVA, Irina
16:00	[372] Spatial Wilson Loops in Holographic QCD Models and Experimental Observables	SLEPOV, Pavel
16:20	[344] on particle sizes	PETROV, Vladimir
16:40	[351] Entanglement viscosity and conformal quantum anomaly	PROKHOROV, Georgy

QCD physics and Standard Model (17:20 - 19:00)

-Conveners: Andrei Kataev

time	[id] title	presenter
17:20	[432] Global analysis of J/psi production in non-relativistic QCD with kT-factorization	BARANOV, Sergey
17:40	[317] Optimization of perturbation series for physical quantities using the QCD renormalization group: necessary conditions and partial results	MIKHAILOV, Sergey
18:00	[251] Color superconductivity in general dimensional via holography	HOANG VU, Nguyen
18:20	[347] Direct and reconstruction methods in phenomenological holography	POLEVOV, Aleksandr

Tuesday, 19 May 2026

QCD physics and Standard Model (12:20 - 14:00)

-Conveners: Sergey Mikhailov

time	[id] title	presenter
12:20	[404] Optimization of factorization scale for QED e^+e^- annihilation process	VOZNAYA, Uliana
12:40	[289] Electron-positron annihilation into heavy leptons at two loops	KRACHKOV, Peter
13:00	[340] Single Top Quarks physics at future Lepton Colliders	PERFILOV, Maxim
13:20	[421] Dilepton production at CMS LHC: inverse gluon and photon emission vs the Drell-Yan process and photon fusion	Prof. ZYKUNOV, Vladimir
13:40	[333] EDM of hyperons generated by CP-violated three pseudoscalar meson transition	OLEINIK, Evgenii

QCD physics and Standard Model (15:40 - 17:00)

-Conveners: Roman Lee

time	[id] title	presenter
15:40	[179] On the possibility of an avalanche of particle creation	AKHMEDOV, Emil
16:00	[282] Multiparticle production in electron-positron annihilation	KOKOULINA, Elena
16:20	[304] One-dimensional Schroedinger equation: fast and precise	LEVKOV, Dmitry
16:40	[234] Renormalized multiparticle amplitudes from exact Landau method	FARKHTDINOV, Bulat

QCD physics and Standard Model (17:20 - 19:00)

-Conveners: Andrej Arbuzov

time	[id] title	presenter
17:20	[278] Generalized Vector Dominance Model describing the data up to 2 GeV	KISELEV, Alexey
17:40	[264] On α_s determinations from the e^+e^- annihilation to hadrons data below thresholds of charm quarks production	KATAEV, Andrei
18:00	[206] High energy behaviour of Fermi theory	BORLAKOV, Arthur
18:20	[303] Slightly-offshell 5-point amplitudes in SYM	LEE, Roman
18:40	[178] One-Loop Renormalization of Anisotropic Two-Scalar Quantum Field Theories	AGEEVA, Yulia

Wednesday, 20 May 2026

QCD physics and Standard Model (12:20 - 14:00)

-Conveners: Lev Dudko

time	[id] title	presenter
12:20	[174] Confinement Potential for Heavy Quarks from Soft Wall Holographic Approach to QCD	AFONIN, Sergei
12:40	[358] Extending Anisotropic Einstein-Dilaton-Maxwell Gravity for Holographic QCD	Dr RANNU, Kristina
13:00	[414] Role of diquarks for baryon and exotic state production with large pT in pp- and dd-collisions	ZELENOV, Andrey
13:20	[335] Anisotropic drag force in finite density QGP from rotating 5D black holes	OVCHINNIKOV, SERGEI

QCD physics and Standard Model (15:40 - 17:00)

-Conveners: Vladimir Zykunov

time	[id] title	presenter
15:40	[417] Inhomogeneous phases in QCD and other models	ZHOKHOV, Roman
16:00	[430] Quantum mechanical analogy for unstable particle collisions	KISELEV, Alexey
16:20	[252] Effective potential in NLLA for general scalar model	IAKHIBBAEV, Ravil
16:40	[312] Coulomb corrections in rare decays of neutral B^0 mesons with $\ell^+\ell^-$ -pair in final state	MANUKHOV, Stepan