



# QUARKS-2026

## Monday, 18 May 2026

### Gravity and it's modification (15:40 - 17:00)

-Conveners: Stanislav Alexeyev

time	[id] title	presenter
15:40	[240] Quantum black holes and unitarity test	FITKEVICH, Maxim
16:00	[405] Quantum spectroscopy of black holes	DOCKUCHAEV, Vyacheslav
16:20	[418] Solutions in Quadratures of Einstein-Dilaton-Maxwell Models with 3-form Fields	ZLOBIN, Viktor
16:40	[228] Gravitational radiation in hybrid metric-Palatini gravity	DYADINA, Polina

### Gravity and it's modification (17:20 - 19:00)

-Conveners: Sergey Vernov

time	[id] title	presenter
17:20	[266] Formation of a black hole by a scalar field	KATANAEV, Mikhail
17:40	[204] Casimir Energy in Non-Standard Backgrounds: Rotation and Unstable Modes	BORDAG, Michael
18:00	[263] Electromagnetic hair of charged black holes with NUT-parameter	KARSANOV, Rostom

# Wednesday, 20 May 2026

## Gravity and it's modification (17:20 - 19:20)

-Conveners: Sergey Mironov

time	[id] title	presenter
17:20	[383] Cosmological dynamics in the scalar-tensor theory of gravity with a generalized non-minimal coupling	SUSHKOV, Sergey
17:40	[428] Dimensional analysis of Horndeski theory	ФАТЫХОВ, Равиль
18:00	[349] Slow-roll approximations in Einstein-Gauss-Bonnet gravity	POZDEEVA, Ekaterina
18:20	[393] Scalar-Vector-Tensor theories and Disformal transformations	VALENCIA VILLEGAS, Mauricio
18:40	[402] Cosmology in Cuscuton theory and minimally modified gravity	VOLKOVA, Victoria
19:00	[258] Image of a wormhole with an arbitrary throat profile	ISHKAEVA, Valeria