

Wednesday, 14 December

1	Nikita Yukhtanov <i>ITMO</i>	Free-garnet silicon waveguides for propagation of electromagnetic waves with high transversal angular momentum
2	Maksim Paukov <i>MIPT</i>	Fundamental and practical properties of stretchable carbon nanotubes under ultrafast pump-probe spectroscopy
3	Omar Abbas <i>Skoltech</i>	Direct Laser Synthesis of Tin Sulfides
4	Alexey Kuznetsov <i>MIPT</i>	Special scattering regimes for conical all-dielectric nanoparticles
5	Igor Smirnov <i>Skoltech</i>	Out-of-Cavity Coupling of Polariton Condensates
6	Amir Eghbali <i>MIPT</i>	Optical Anisotropy and Excitons in MoS ₂ Interfaces for Sensitive Surface Plasmon Resonance Biosensors
7	Georgy Ermolaev <i>MIPT</i>	Topological phase singularities in atomically thin materials
8	Alexandr Marunchenko <i>ITMO</i>	Is Light-Emitting Photodetector possible in Optoelectronics?
9	Zoharan Ali <i>Skoltech</i>	Coupling of light into PIC's and Optical frequency microcomb generation
10	Andrey Bochin <i>ITMO</i>	Nonequilibrium Polariton Condensation in Biannular Optically Induced Traps
11	Ilya Fedorov <i>MIPT</i>	Exciton Nature of Plasma Phase Transition in Warm Dense Fluid Hydrogen: ROKS Simulation
12	Ilya Begichev <i>MIPT, Skoltech</i>	Modeling of the optical properties of the twisted Van der Waals heterostructures using continuum model approximation
13	Viktor Vorobev <i>Skoltech</i>	Hyperspectral analysis of infantile hemangiomas and other skin diseases
14	Svetlana Kadinskaya <i>MIPT</i>	Study of Hydrothermal Zinc Oxide Nanostructures Photovoltaic Properties
15	Maxim Mazanov <i>ITMO</i>	Multipole higher-order topology in a multimode lattice
16	Olga Matveeva <i>MIPT</i>	Twist-tunable polaritonic nanoresonators in a van der Waals crystal
17	Krupamaya Panda <i>Skoltech</i>	Combination of Microfluidic Channels with Photonic Integrated Circuits
18	Andrei Stepanenko <i>ITMO</i>	Quantum circuits with two-photon topological phase induced by interactions
19	Anastasiia Piven <i>ITMO</i>	Statistical analysis of the dynamic localized structures formation in a light-responsive chiral nematic liquid crystal
20	Natalia Salakhova <i>Skoltech</i>	Optical properties of photonic moiré lattices.
21	Ruslan Azizov <i>ITMO</i>	Resonant periodic Light-Emitting structures on thin films of CdSe-based core/shell nanoplatelets
22	Artem Shalev <i>ITMO</i>	Multipolar lattices
23	Arina Kalganova <i>Skoltech</i>	Nano laser-printing of two-dimensional transition metal dichalcogenides (2D-TMDs)