

**Юбилейная международная конференция:
60 лет Институту теоретической физики им. Л.Д. Ландау**

ПРОГРАММА

30 сентября, Пн

11:20 -11:30 Открытие

11:30-12:00 В. Минеев *Superconducting states in metals with toroidal order*

12:00-12:30 С.С. Вергелес *Geostrophic flow maintenance by absorption and trapping of inertial waves*

12:30-13:00 В. Парфеньев *Inferring parameters and reconstruction of two-dimensional turbulent flows with physics-informed neural networks*

13:00-13:30 К. Ханин *Geometrical Approach to the KPZ (Kardar-Parisi-Zhang) problem*

13:30-17:30 **Перерыв**

17:30-18:00 В. Покровский *Прекрасное начало*

18:00-18:30 А. Финкельштейн *Odd-frequency superconducting pairing in disordered electron liquids: search of a new state of matter*

18:30-19:00 Н. Кирова *Self-focusing evolution of heavily pumped excitons to the excitonic insulator state*

19:00-19:30 С. Бразовский *Pulsing normal and collective counter-currents driven by the Hall voltage in a sliding charge density wave*

1 октября, Вт

11:30-12:00 М. Скворцов *Supercurrent flow in inhomogeneous superconductors*

12:00-12:30 П. Григорьев *Exchange Splitting Mechanism of Negative Magnetoresistance in Layered Antiferromagnetic Semimetals*

12:30-13:00 В. Зюзин *Anomalous Hall effects in metallic collinear antiferromagnets*

13:00-13:30 Л. Щур *Transfer learning in spin models: why it can work*

13:30-17:30 **Перерыв**

17:30-18:00 Д. Хмельницкий *Анекдоты*

18:00-18:30 Г. Воловик *Gravity through the prism of condensed matter physics*

18:30-19:00 Н. Николаев *Comagnetometry in precision spin dynamics in storage rings*

19:00-19:30 М. Житомирский *New developments in frustrated magnets: from fractional topological defects to direct observation of quantum glue*

2 октября, Ср

11:30-12:00 В. Лебедев *Statistical properties of the propagation of light in turbulent atmosphere*

12:00-12:30 Е. Пикина *Dynamic flexoelectric instabilities in nematic liquid crystals*

12:30-13:00 А. Дьяченко *Instability of the counter streaming gravity waves*

13:00-13:30 В. Адлер *On negative symmetries of integrable equations*

13:30-17:30 **Перерыв**

17:30-18:00 А. Короткевич *Simulation of isotropic capillary waves turbulence*

18:00-18:30 Р. Рамазашвили *Texture-induced spin-orbit coupling and skyrmion-electron bound states in a Néel antiferromagnet*

18:30-19:00 Н. Степанов *The development of the problem of a never falling trajectory*

19:00-19:30 М. Лашкевич *Semiclassical approximation to form factors in the sinh-Gordon model*

3 октября, Чт

11:30-12:00 Н. Иногамов *Laser-Matter Interaction: Current Achievements*

12:00-12:30 В. Хохлов *High-Energy-Density Physics and Laser Technologies - 60 years of Physical Fluid Dynamics - Lasers and Plasmas sector at Landau ITP*

12:30-13:00 Л. Богданов *On some linear equations associated with dispersionless integrable systems*

13:00-13:30 А. Мальцев *Topology of dynamical systems on the Fermi surface and galvanomagnetic phenomena in normal metals*

13:30-17:30 **Перерыв**

17:30-18:00 М. Берштейн *Cluster Reductions, Mutations, and q-Painleve Equations*

18:00-18:30 С.Н. Вергелес *Фазовый переход в точке Большого Взрыва в решёточной теории гравитации*

18:30-19:00 О. Андреев *Some Comments on Quark Interactions*

19:00-19:30 А. Каменщик *Looking for Carroll particles in two time spacetime*

4 октября, Пт

11:30-12:00 Е. Кузнецов *Three-Dimensional Acoustic Turbulence: Weak Versus Strong*

12:00-12:30 Ю. Махлин *Zero modes in a topological contact*

12:30-13:00 С. Мухин *Q-ball mechanism of high-T_c superconductivity and its possible manifestations in HTSC cuprates*

13:00-13:30 Б. Лукьянчук *Microsphere lens with super resolution*

13:30-13:40 **Закрытие**