

**SECTOR IV**  
**Department of Condensed Matter Theory BLTP**

**Mini workshop**

**19. 02.2025**

**PROGRAMME**

*10:30 – 11:00*

**M. Keecer**

Dynamic Isotropic Percolation: Three-loop Approximation

*11:00 – 11:30*

**A. Ovsianikov**

Two-Loop Turbulent Helical Magnetohydrodynamics:  
Large-Scale Dynamo and Energy Spectrum

*11:45 – 12:15*

**D. Yevdokymov**

Hyperlogarithms in A-critical dynamics

*12:15 – 12:45*

**N. Lebedev**

Renormalization group analysis of the anisotropic self-organized critical system  
encompassed by fully isotropic random environment

*14:00 – 14:30*

**M. Vasin**

Gauge theory of glass transition, or liquid-glass transition as a topological phase transition

*14:30 – 14:45*

**V. Ankudinov**

Calculations of structure formation in the continual model of glass transition

*14:45 – 15:15*

**Yu. Molotkov**

Critical dimensions of hydrodynamic modes in the vicinity of the superfluid phase transition point

*15:30 – 16:00*

**N. Gulitskiy**

Renormalization group analysis of two models: model of random walk on a random surface and model of random surface growth in random environment

*16:00 – 16:30*

**G. Kalagov**

Functional renormalization group equations for antisymmetric tensor field models at finite temperature