



Academician I.M. Khalatnikov

International conference
dedicated to the 100th anniversary of I. M. Khalatnikov

**Quantum Fluids,
Quantum Field Theory,
and Gravity**

PROGRAM BOOK

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On October 17, 2019, the outstanding theoretical physicist Isaak Khalatnikov will turn one hundred years old. His works are devoted to the theoretical problems of quantum physics, superfluidity and superconductivity, quantum electrodynamics and cosmology. In all these areas of physics, Khalatnikov's papers were an outstanding phenomenon and rightfully entered the treasury of science. We are proud of the fact that Khalatnikov is the founder of the Landau Institute for Theoretical Physics and its first director from 1965 till 1992. The broad scope of his scientific interests is manifested in the variety of areas in which the scientific staff of the Landau Institute is still working. In honour of the 100th anniversary of Isaak Khalatnikov, the Landau Institute organizes the international conference. In accordance with Khalatnikov's broad interests, the conference will be devoted to the modern frontiers of theoretical physics from the kinetics of quantum systems to cosmology.

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