

The 4th International Symposium on Cosmic Rays and Astrophysics (ISCRA-2023)

Tuesday 27 June 2023 - Thursday 29 June 2023

National Research Nuclear University MEPhI

Scientific Programme

Cosmic rays of very high energies (> 1 PeV)

This section will be focused to the current state of the investigations of various components (charged particles, gammas and neutrinos) of very high energy cosmic rays: experimental methods; processes of cosmic ray generation, propagation and interaction, as well as models describing them; relevant experimental data and results obtained in EAS studies and at LHC.

Cosmo- and geophysical aspects of cosmic rays at the ground level

The heliospheric, magnetospheric and atmospheric phenomena investigated at the ground level by means of various cosmic ray components will be discussed in frames of this section. Taking into account that the Conference "Problems of Cosmophysics", devoted to the satellite and balloon experiments, will be held by the SINP MSU on July 10-13, 2023, only a limited number of talks about the new results of such experiments will be accepted. The results of application of cosmic rays and other particles for studying various objects on the Earth's surface are also acceptable.