

# **XXXI International workshop on high energy physics "Critical points in the modern particle physics"**



**Wednesday 5 July 2017 - Friday 7 July 2017**

**NRC "Kurchatov Institute", SRC RF IHEP, Protvino**

## **Scientific Programme**

Topics to discuss contain presumably Higgs boson, hadron spectroscopy, heavy flavour physics, CP-violation, neutrino oscillations and the problem of neutrino mass, quark-gluon plasma and other exotic states of matter, QCD at short and large distances, astroparticle data from exploratory researches on dark matter, dark energy and black holes, early and present Universe, cosmic microwave background radiation, gravitation waves, progress in experimental and accelerator techniques.

## **QCD**

## **Astrophysics and cosmology**

## **SM and beyond**