

03.06.01 Physics and Astronomy

High Energy Physics

Program objective

training of highly qualified specialists capable of conducting research in the field of high-energy physics, including physics of high-energy hadron collisions at accelerators, physics of cosmic rays and the early Universe.

Research activities

- prepare and conduct various experiments in particle physics and physics of cosmic rays, including creation and use of detectors of elementary particles and radiation
- analysis of experimental data
- conduct theoretical research and interpretation of experiments in high energy physics (accelerators, astrophysics).