

DEPARTMENTS OF RADIOPHYSICS FACULTY



Radiophysics department



- Antenna system of new generation;
- Computer imaging.

Radioelectronics department



- Waves in the radioelectronic systems;
- Mathematical and computer modeling of systems.

Department of semiconductor electronics



- Development of semiconductor sensor;
- Development of elements of microwave electronics.

Department of optoelectronic systems and remote probing



- Holography;
- Processing and image recognition.

Department of quantum electronics and photonics

- Optical synergy;
- Interaction of radiation with matter.

Department of computer technologies in investigation of discrete structure

- Coding and information protection;
- Methods of synthesis of digital controllers.

Department of space physics and ecology



- Physics of ionospheric plasma;
- Solar-terrestrial physics.