

14.06.01 Nuclear, Thermal and Renewable Energy and Related Technologies

Nuclear Power Facilities: Design, Operation and Decommissioning

Program objective

training researchers in creation and operation of devices and facilities that generate, convert and use thermal and nuclear energy.

Research activities

- creation and application of facilities and systems in nuclear physics
- research of no-equilibrium physical processes
- propagation and interaction of radiation with objects of animate and inanimate nature
- nuclear facilities
- nuclear and radiation safety
- safety of nuclear materials and physical protection of nuclear facilities
- monitoring systems and automated control of nuclear facilities.