## INTERNAL ORGANIZATION OF THE JOINT INSTITUTE FOR NUCLEAR RESEARCH

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Research in  - symmetry properties of elementary particles  - field theory structures  - interactions of elementary particles  - theory of atomic nuclei  - theory of condensed matter	Research in  - structure of nucleons - strong interactions of particles - resonance phenomena in particle interactions - electromagnetic interactions - relativistic nuclear physics - particle acceleration techniques - interactions of multicharged ions in a wide energy range	Research in  - strong, weak and electromagnetic interactions of particles, particle structure  - nuclear structure  - nuclear spectroscopy  - mesoatomic and mesomolecular processes  - particle acceleration techniques  - radiobiology	Research in  - properties of heavy elements, fusion and fission of complex nuclei, cluster radioactivity, reactions on an isomer hafnium target  - reactions with beams of radioactive nuclei, structure of neutronrich light nuclei, non-equilibrium processes  - interactions of heavy ions with condensed matter  - particle acceleration techniques	Research in  nuclei by neutron spectroscopy methods fundamental properties of neutrons atomic structure and dynamics of solids and liquids high-temperature superconductivity reactions on light nuclei materials by neutron scattering, neutron activation analysis and neutron radiography methods dynamic characteristics of the pulsed reactor IBR-2	Research in  - provision of operation and development of the JINR computing and networking infrastructure  - optimal usage of international computer networks and information systems  - modern methods of computer physics, development of standard software	Research in  - elementary particle physics at external accelerators to study particle structure and interaction laws  - development of instruments and methods for investigation of elementary particles  - development of methods and systems for acceleration of particles to superhigh energies	Research in  - radiation fields - genetic effect of ionizing radiation - radiation monitoring  University Centre  Director S. P. Ivanova  Central Services  - central scientific and information departments - administrative and economic units - manufacturing units