

6. PRIZES

JINR Prizes:

Experimental Physics Research:

Encouraging Prize:

V.L.Aksenov, A.M.Balagurov, D.V.Sheptyakov, E.V.Antipov, S.N.Putilin. «Neutron Diffraction Study of the Atomic Structure and Physical Properties of High- T_c Mercury-Based Superconductors as a Function of Anion Composition and External Pressure»

Physics Instruments and Methods:

Encouraging Prize:

Yu.M.Gledenov, V.I.Salatskii, P.V.Sedyshev, M.V.Sedysheva, R.Mashrafi, G.Khuukhenkhuu, Cheng Zemin, Tang Gyoyu, V.A.Vesna, P.Szalanski. «Gas-Filled Detectors for Research of Neutron-Induced Charged Particle Emission Reactions»

FLNP Prizes:

In Nuclear Physics:

First Prize:

E.V.Vasileva, A.M.Sukhovoj, V.A.Khitrov. «Influence of the Excited States Structure of Heavy Nuclei on the Process of Cascade γ -Decay at Energies around the Neutron Binding Energy»

Second Prize:

A.V.Strelkov et al. «Neutron Quantum States in the Gravitational Field of Earth»

V.P.Alfimenkov, L.Lason, Yu.D.Mareev, V.V.Novitskii, L.B.Pikelner, V.M.Tsulaya, M.I.Tsulaya, A.N.Chernikov. «Spatial Parity Violation and Interference Effects at ^{233}U Fission»

In Condensed Matter Physics:

First Prize:

V.L.Aksenov, Yu.V.Nikitenko, S.V.Kozhevnikov, N.A.Gundorin, Yu.P.Popov, Yu.M.Gledenov, P.V.Sedyshev. «Observation of the Field of Neutron Standing Waves by Registering Spin-Reoriented Neutrons, Gamma-Quanta, and Charged Particles»

Second Prize:

N.I.Gorskii et al. «SANS Studies of the Properties of Self-Organizing Systems»

Third Prize:

V.V.Sikolenko, V.V.Sumin et al. «Neutron Investigations of the Lattice Structure and Dynamics of a Solid Solution of Hydrogen in $\alpha\text{-Mn}$ »

E.V.Raspopina, A.M.Balagurov, V.Yu.Pomjakushin, V.V.Sikolenko et al. «Neutron Diffraction and μSR Studies of the Modulated Magnetic Structure $\text{U}(\text{Pd}_{1-x}\text{Fe}_x)_2\text{Ge}_2$ »