

6. PRIZES

JINR Prizes:

In Experimental Physics:

Second Prize:

V.P.Alfimov, L.Lason, Yu.D.Mareev, V.V.Novitsky, L.B.Pikelner, V.R.Skoy, M.I.Tsulaya, A.N.Chernikov. «Parity Violation in the Interaction of Neutrons with Polarized Lanthan and the Spin Structure of the Cross Section for Polarized Neutrons and Lanthan»

FLNP Prizes:

In Nuclear Physics:

First Prize:

V.E.Varlamov, P.Geltenbort, V.V.Nesvizhevsky, M.Pendelbury, A.P.Serebrov, A.V.Strelkov, R.R.Tal'daev, A.G.Kharitonov, V.N.Shvetsov, K.Schreckenbach. «The Discovery of Penetration of Subbarrier UCN through Beryllium Foils and Covering Layers»

Second Prize:

YU.M.Gledenov, V.I.Salatskii, P.V.Sedyshev, P.Shalanski. «Measurement of the Neutron-Alpha Reaction Cross Section of ^{17}O , ^{17}Ne , ^{36}Ar »

Third Prize:

A.M.Sukhovoj, V.A.Khitrov. «Experimental Estimation at $E \ll 3-4$ MeV of the Level Density of Nuclei Excited in the (n, γ) Reaction»

In Condensed Matter Physics:

First Prize:

A.M.Abakumov, V.L.Aksenov, V.A.Alyoshin, E.V.Antipov, A.M.Balagurov, D.A.Mikhailova, S.N.Putilin, M.G.Rozova. «Effect of Fluorination on the Structure and Superconducting Properties of the Hg-1201 Phase»

Second Prize:

V.V.Sumin. «Local Modes of Interstitial Atoms in Transition Metals»

V.L.Aksenov, A.M.Balagurov, B.N.Savenko, D.V.Sheptyakov, V.P.Glazkov, V.A.Somenkov, S.Sh.Shilstein, E.V.Antipov, S.N.Putilin. «Investigation of the $\text{HgBa}_2\text{CuO}_{4+\delta}$ Structure under External Pressures up to 5 Gpa by Neutron Powder Diffraction»

A.M.Balagurov, V.V.Sikolenko, I.S.Lyubutin, G.Andre, F.Bouree, H.M.Du. «The Magnetic Structure Upd_2Ge_2 , Doped with Iron»

In Applied Physics:

Second Prize:

Yu.A.Astakhov, E.I.Litvinenko, Yu.N.Pepolyshchev, A.B.Tulaev. «The POWER - System for the Investigation of Noises in the IBR-2 Pulsed Reactor». «The Distributed Information System for Neutron Reactor Status Presentation on the Web»

The JINR young scientists contest in condensed matter and nuclear physics with neutrons:

First Prize:

G.D.Bokuchava. «Neutron Diffraction Investigation of Internal Stresses in Austenite Steel with Cyclic Fatigue»

Second Prize:

Yu.A.Astakhov. «FLNP Computing Infrastructure»

T.L.Enik. «Neutron Electrical Polarization Studies»

Encouraging Prize:

D.B.Kozlenko. «Neutron Diffraction Investigations of Structural Changes in Ammonium Halides Nd_4Br and NdCl at High Pressure»

A.V.Kozlov. «Dynamic Refraction and Transmission of Neutrons»