

4. PRIZES

Frank Prize:

Yu.G.Abov (ITEP), V.P.Alfimenkov (FLNP), L.B.Pikelner (FLNP). "For Fundamental Discoveries in the Field of Parity Violation in Neutron-Nuclear Interactions".

JINR Prizes:

For methodological and technical research:

Second Prize:

A.M.Balagurov, I.P.Barabash, G.M.Mironova, V.E.Novozhilov. "Real-Time Neutron Diffraction as a Tool for the Study of Transition Processes in Condensed Matter".

For applied research:

Second Prize:

I.V.Markichev, A.Yu.Muzychka, I.Natkaniec, E.V.Sheka, V.D.Khavryutchenko. "Investigation of the Vibrational States of Well Dispersed Materials with Inelastic Neutron Scattering".

FLNP Prizes:

In Nuclear Physics:

First Prize:

V.G.Nikolenko, A.B.Popov. "Analysis of Uncertainties in Experimental Estimates of n,e -Scattering Amplitudes and Neutron Polarizability Made on the Basis of Total Cross Sections".

Second Prize:

V.K.Ignatovich. "Classical Interpretation of Quantum Mechanics"

Third Prize:

1. *A.V.Vojnov, Yu.P.Popov, A.M.Sukhovej, V.A.Khitrov, Yu.V.Kholnov. "Analysis of Peculiarities of Two-Step Cascades in Nuclei";*

2. *Yu.M.Gledenov, Yu.P.Popov. "New Data from n,p and n,α Reaction Measurements on Radioactive and Small Samples for Nucleosynthesis".*

In Condensed Matter Physics:

First Prize:

A.I.Beskrovnyi, S.Durchok, I.Heitmanek, Z.Jirak, M.Nevriva, I.G.Shelkova. "Structural Modulation, Oxygen Content and Superconducting Properties in Bi-HTSC".

Second Prize:

N.M.Blagoveshchenskii, I.V.Bogoyavlenskii, L.V.Karnatsevich, Zh.A.Kozlov, V.G.Kolobrodov, V.B.Priezzhev, A.V.Puchkov, A.N.Skomorokhov, V.S.Yarunin. "Excitation Spectrum Structure of Liquid Helium-4".

Third Prize:

L.S.Smirnov, I.Natkaniec, S.I.Bragin, Yu.A.Shadrin et al. "Neutron Scattering and Acoustic Investigations of Lattice and Dynamic Parameters and Phase Transitions in $K_{1-x}(NH_4)_xSCN$ ".

In Methodological and Applied Research:

First Prize:

V.A.Butenko, V.A.Drozhdov, A.S.Kirilov, V.E.Novozhilov, A.I.Ostrovnoi, V.I.Prikhodko, V.E.Rezaev, Ya.Sudek, D.Krushinskii. "DSP-Based RTOF-Correlator for the High Resolution Fourier Diffractometer.

Third Prize:

K.Krezhev, V.Lilkov, P.Konstantinov, D.A.Korneev. "Domain Structure Study of Ferromagnetic Amorphous Alloys by Investigating the Wave Dependence of Neutron Depolarization".