

6. PRIZES

JINR Prizes:

In Experimental Physics Research:

First Prize:

V.V.Nesvizhevsky, H.G.Börner, A.K.Petukhov, A.N.Gagarsky, S.Baeßler, H.Abele, A.V.Strelkov, V.I.Luschikov. «Theoretical prediction and experimental study of quantum states of the neutron in the gravitational field of the Earth».

Second Prize:

V.L.Aksenov, A.M.Balagurov, D.P.Kozlenko, S.L.Platonov, B.N.Savenko, V.P.Glazkov, V.A.Somenkov. “Development of techniques for studying the structure and dynamics of condensed matter by neutron scattering under high pressures at pulsed reactors”.

FLNP Prizes:

In Nuclear Physics:

First Prize:

E.V.Lychagin, A.Yu.Muzychka, G.V.Nekhaev, A.V.Strelkov, D.G.Kartasov, V.V.Nesvizhevsky. “Investigation of UCN small heating”.

Second Prizes:

Yu.M.Gledenov, P.V.Sedychev, M.V.Sedysheva, A.Oprea, G.Khuukhenkhuu, Chen Zemin, Zhang Guohui, J.Andrzejewski, P.J.Szalanski. “Investigation of the (n, α) reaction on the middle mass nuclei in interactions with fast neutrons”.

A.M.Sukhovoij, V.A.Khitrov. “Possibilities of model-independent determination of parameters of nuclei gamma-decay”.

In Condensed Matter Physics:

First Prize:

A.M.Balagurov, V.Yu.Pomjakushin, T.V.Elzhov. «Atomic and magnetic structures, disorder effects and unusual superexchange interaction in oxides A_2MnGaO_{5+x} ($A = Ca, Sr$) with the structure of lamellar brownmillerite».

Second Prize:

D.P.Kozlenko, B.N.Savenko, S.E.Kichanov, V.P.Grazkov, V.A.Somenkov, K.M.Podurets, V.M.Ryzhkovsky, V.S.Goncharov. «Investigation of pressure induced spin-reoriented magnetic phase transitions in manganese and ferrum compounds» (series of works).

Third Prizes:

T.A.Lychagina, D.I.Nikolaev. «Model investigation to apply to quantitative texture analysis averaging».

A.I.Beskrovnyi, S.G.Vasilovsky, A.V.Belushkin, L.S.Smirnov, A.M.Balagurov, M.L.Martinez-Sarrion, L.Mestres, M.Herraiz. «Structure investigation of a new compound $Bi_{2.53}Li_{0.29}NbO_9$ by powder neutron diffraction» (series of works).

In Applied and Methodical Physics:

Second Prize:

M.V.Frontasyeva, S.S.Pavlov, S.F.Gundorina, V.P.Chinaeva, L.M.Mosulishvili, F.A.Belotserkovskiy, E.I.Kirkesali, A.I.Khizanishvili. «Application of neutron activation analysis to develop new pharmaceuticals» (series of works).

Yu.V.Grigoriev, V.V.Sinitisa, Zh.V.Mezentseva, G.L.Ilchev, H.Faikow-Stanczyk. «Resonance structure investigation of total and partial cross sections of Nb, Mo and Pb in the energy region 0.1-200 keV».

The JINR young scientists contest:

In Condensed Matter Physics:

First Prize:

D.P.Kozlenko. «Pressure induced magnetic phase transitions in manganites».

In Nuclear Methods in Life Sciences:

First Prize:

E.A.Povtoreiko. «Development of software to process neutron activation analysis results».

Second Prize:

L.I.Smirnov. «Studies of atmospheric deposition of heavy metals and radionuclides in the South Ural Mountains».

I.M.Frank Stipend:

In Nuclear Physics:

E.V.Lychagin

In Condensed Matter Physics:

D.P.Kozlenko

In Methodical Physics:

V.V.Zhuk