

6. PRIZES

Kozlenko D.P.

The Grant of the President of the Russian Federation on the state support of scientific research activities of young D.Sci. scientists (МД-696.2010.2).

The Commendation Letter from the Governor of the Moscow region for great scientific and technical achievements and a significant contribution to the development of the scientific and industrial complex of the Moscow region.

Project "Cryogenic moderator-cold neutron source for investigation of nanostructures"

Winner in the «IX contest "Russian innovations"» category "Promising project"

Winner in CIS Open contest "Young innovation projects in the field of humanitarian, natural and technical sciences"

JINR PRIZES

Scientific and technical applied research:

First Prize

«New theoretical and experimental investigations of seismic properties of the Earth's lithosphere on the basis of neutron diffraction data»

Authors: T.I. Ivankina, V. K. Ignatovich, H. Kern, T. Lokajicek, A. N. Nikitin, L.T.N. Phan, K. Ullemeyer, R. N. Vasin.

Encouraging prize

«Investigations of cluster formation in liquid solutions of fullerenes».

Authors: M.V. Avdeev, V.L. Aksenov, E.A. Kyzyma, T.V. Tropin, A.A. Khokhryakov, L.A. Bulavin, L. Rosta, M.V. Korobov, V.B. Priezzhev, J.W.P. Schmelzer.

Experimental physics research:

Second Prizes

«Solution of the scientific problems, related to the creation of the transdermal vesicular drug carriers, by neutron and X-ray scattering».

Authors: M.A. Kiselev, A.M. Balagurov, E.V. Zemlyanaya, E.V. Ermakova, N.Yu. Ryabova, A.M. Kisselev, P. Lesieur, T. Hauss, R. Neubert, V. L. Aksenov

«Measurement of the P-odd asymmetry in emission of tritons in the ${}^6\text{Li}(n,\alpha){}^3\text{H}$ reaction and γ -quanta in the ${}^{10}\text{B}(n,\alpha){}^7\text{Li}^* \rightarrow \gamma \rightarrow {}^7\text{Li}(\text{g.st.})$ reaction with cold polarized neutrons».

Authors: Yu.M. Gledenov, P.V. Sedyshev, V.A. Vesna, E.V. Shulgina, V.V. Nesvizhevsky, T. Soldner.

FLNP PRIZES

Nuclear Physics:

First Prize

Limits on new spin-dependent interactions from longitudinal spin relaxation of polarized ultracold neutrons and polarized ${}^3\text{He}$

Authors: Yu.N. Pokotilovskiy, V.K. Ignatovich

Second Prize

Investigation of prompt fission neutron emission

Author: Sh. Zeinalov

Third Prize

Precise model approximation of the Dubna data on nuclear level density in region $40 \leq A \leq 200$ below Bn

Authors: A. M. Sukhovoij, V. A. Khitrov

Applied and Methodical Investigations:

Second Prize

The effect of gravity on the resolution for time-of-flight specular neutron reflectivity

Authors: I.A. Bodnarchiuk, S.A. Manoshin, S.P. Yaradaikin, V.Yu. Kazimirov, V.I. Bodnarchiuk

Second Prize

Low energy fission investigation using digital signal processing

Authors: O.V. Zeinalova, Sh. Zeinalov

Condensed Matter Physics:First Prize

Competition between ferromagnetic and antiferromagnetic ground states in multiferroic BiMnO_3 at high pressures
Authors: D.P. Kozlenko, S.E. Kichanov, A.V. Belushkin, B.N. Savenko

Second Prize

Structure research of magnetic fluids using small-angle neutron scattering
Authors: M.V. Avdeev, V.L. Aksenov, V.I. Petrenko, A. Feoktistov

Third Prize

Investigation of influence of the charge transfer on the dynamic properties of the methyl group
Author: A. Pawlukoć

AYSS PRIZES**Methodological and scientific-technical research:**

Second Prize R.V. Erhan

Scientific and technical applied research:

Second Prize V.M. Milkov

JINR YOUTH GRANTS**Winners of the competition among the PhD researchers:**

R.N. Vasin
T.N. Murugova

Winners of the competition among the specialists:

Yu.K. Bulycheva
A.Ye. Verkhoglyadov
A.V. Kutergin

Winners of the competition among the researchers:

N.O. Golosova
I.I. Zinkovskaya
N.Yu. Ryabova
A.V. Churakov

Winners of the competition among the workers:

D.V. Kokunov

I.M. FRANK FELLOWSHIPS (FLNP)**In Neutron Nuclear Physics**

K.N. Vergel

In Methodical Investigations

M.V. Bulavin

In Condensed Matter Physics

Ye.V. Ermakova

F.L. SHAPIRO FELLOWSHIPS (FLNP)**In «Polarized Neutrons»**

A.V. Feoktistov

In «Neutron Spectroscopy»

N.V. Rebrova

F.L. SHAPIRO FELLOWSHIPS (UC)

A.V. Nagorny
A.V. Belozеров

Ye.S. Reshunova
K.A. Mukhin