

Prizes

- The N.N. Bogoliubov Prize for 2003 – 2005 was awarded to

Vladimir Kadyshevsky (JINR),

Julius Wess (M. Planck Institute of Physics, Munich, Germany),

for their outstanding contributions to theoretical physics, in particular to the development of novel algebraic and geometric approaches to the formulation of quantum field theory.

- The 2006 N.N. Bogoliubov Prize for Young Scientists was awarded to

Aurélien Barrau (Laboratory for Subatomic Physics and Cosmology and

Joseph Fourier University, Grenoble, France)

for a sequel of papers on astrophysics and cosmology .

- The Scientific board and the Directorate of Institute for Nuclear Research and Nuclear Energy, Bulgarian Academy of Sciences awarded the 2005 prize of the Institute for the best work in theoretical physics to the team

D. Stamenov, E. Leader and A. Sidorov ,

for study of the spin quark-parton structure of nucleon in Quantum Chromodynamics.

- The JINR Prizes for the theoretical physics research:

2005

First Prize

“Analysis of experimental data for deep-inelastic lepton scattering: asymptotic freedom and nonperturbative effects in QCD”.

Authors: A. Kotikov, V. Krivokhizhin, A. Sidorov, A. Kataev, G. Parente.

Encouraging Prize

“New aspects of the theory of the Vavilov-Cherenkov and synchrotron radiation”.

Author: G. Afanasiev.

2006

First Prize

“Theory of resonances in multichannel systems”.

Authors: E. Kolganova, A. Motovilov.

Second Prize

“Theory and phenomenology of neutrino mixing and oscillations”

Author: S. Bilenky

2007

First Prize

“Investigation of the electronic structure of variously shaped carbon nanoparticles”.

Authors: V. Osipov, E. Kochetov, M. Pudlak, R. Pincak, D. Kolesnikov.

Encouraging Prize

“Spectral Control of Quantum Systems in the Inverse Problem Approach”.

Authors: B. Zakhariev, V.Chabanov.

2008

First Prize

“ Full Integrability of Supergravity Billiards: The Arrow of Time, Asymptotic States and Trapped Surfaces in the Cosmic Evolution”.

Authors: P. Frè, A.S. Sorin.

Second Prize

“Search for New Physics in the Rare Decay $\pi^0 \rightarrow e^+ e^- u$ $(g-2)_\mu$ and Pion Polarizability in ChPT”

Author: A.E. Dorokhov, M.A. Ivanov.

▪ The JINR Prizes for the experimental physics research:

2005

First Prize

“Study of the Q^2 dependence of the generalized Gerasimov-Drell-Hearn integrals”.

Authors: S. Gerasimov, O. Teryaev, J. Soffer, N. Akopov, A. Nagaitsev