

3. PRIZES

- A Gold Medal in memory of N.N. Bogoliubov for the year 2004 conferred on D.V. Shirkov

for his outstanding activities in mathematics, theoretical physics and mechanics .

- The 2004 Humboldt Research Award conferred on R.V. Jolos, *in recognition of his outstanding achievements in research and teaching, as well as his contribution to the promotion of scientific cooperation between research institutions in Germany and JINR.*

- The JINR Prizes for the theoretical physics research:

2003

First Prize

“Integrable Heisenberg–Van Vleck chains with variable range exchange”.

Author: . V. Inozemtsev

Second Prize

“Study of higher order perturbative corrections and effects of nontrivial structure of the QCD vacuum in hadron processes”.

Authors: V. Bytev, A. Vinnikov, A. Dorokhov, N. Kochelev, E. Kuraev, I. Cherednikov

2004

First Prize

“Manifestation of cluster degrees of freedom in fusion reactions and structure of heavy nuclei”.

Authors: G. Adamian, N. Antonenko, V. Volkov, R. Jolos, A. Zubov, S. Ivanova,
A. Nasirov, Yu. Palchikov, E. Cherepanov, T. Shneidman

Second Prize

“Supersymmetric gauge models of quantum field theory free from ultraviolet divergences”.

Author: D. Kazakov

Encouraging Prize

“Energy and structure of levels in nuclei $Z=2-100$ ”.

Authors: V. Soloviev, A. Vdovin, V. Voronov, L. Malov, V. Ponomarev, A. Storozhenko,
A. Sushkov, N. Shirikova, K. Gromov, V. Fominykh