

## 6. PRIZES

### ***JINR Prizes:***

#### **Applied Physics Research:**

##### Second Prize:

*K.Walther, T.I.Ivankina, A.N.Nikitin, K.Ullemeyer, K.Szeffzuk. "Neutronography in Geology and Geophysics".*

##### Special Prize:

*Yu.A.Alexandrov, Yu.S.Zamyatnin, A.V.Ignatyuk, M.V.Kazarnovsky, V.Yu.Konovalov, N.V.Kornilov, L.B.Pikelner, V.I.Plyaskin, Yu.P.Popov, W.I.Furman. "Low-Energy Neutrons and their Interaction with Nuclei and Matter".*

##### Encouraging Prizes:

*N.Gorski, J.Kalus, Yu.M.Ostanevich. "SANS Investigations of Self-Assembling Aggregates".*

*E.A.Bondarchenko, Yu.N.Pepolyshchev, A.K.Popov. "Experimental and Model Investigations of IBR-2 Pulsed Reactor Dynamics Peculiarities".*

### ***FLNP Prizes:***

#### **In Nuclear Physics:**

##### First Prize:

*V.K.Ignatovich. «Apocrypha of Standard Scattering Theory and Quantum Mechanics of de Broglie Wave Packet».*

##### Second Prize:

*S.B.Borzhakov, H.Faikov-Stanczyk, Ts.Panteleev, S.A.Telezhnikov. «Study of the Reaction of Thermal Neutron Capture by  $^{117}\text{Sn}$  Nuclei».*

##### Third Prize:

*V.K.Ignatovich, E.V.Lychagin, G.V.Nekhaev, A.Yu.Muzychka, A.V.Strelkov. «Transport of Neutrons in Closed Vessels».*

#### **In Condensed Matter Physics:**

##### First Prize:

*A.M.Balagurov, V.Yu.Pomjakushin, D.V.Sheptyakov, V.L.Aksenov. «Long-Scale Separation versus Homogeneous Magnetic State in  $(\text{La}_{1-y}\text{Pr}_y)_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ : a Neutron Diffraction Study».*

##### Second Prize:

*I.Natkaniec. «Investigation of Intermolecular Interactions of Polydimethylsilane at Adsorption on the Surface of  $\text{SiO}_2$  Silica Nanoparticles».*

##### Third Prize:

*I.Natkaniec, A.M.Balagurov, A.I.Beskrovnyi, I.G.Shelkova, V.G.Simkin, L.S.Smirnov. «Investigation of Phase Transitions and Dynamics of Mixed Crystals of the Type  $\text{A}_{2-x}\text{C}_x\text{BX}_4$  and  $\text{Rb}_{1-x}(\text{NH}_4)_x\text{I}$ ».*