

4.2. USER POLICY

At present, the experimental installations for condensed matter investigations and neutron nuclear physics are effectively used on all beams of the IBR-2 reactor and the IBR-30 booster, which form the FLNP base facilities. The number of performed experiments, including those carried out at the requests of the outside users, has grown considerably.

A new scheme of managing the experimental investigations proposed by the laboratory's own and outside users has been worked out. It demands that:

- *The head of the Condensed Matter Department is appointed the one responsible for carrying out the experiments (any activities using neutrons) at all the IBR-2 beams.*

- *The next cycle schedule is drawn up based on the "Application for an Experiment" for the laboratory's own scientists and the "Application for Beam Time" for the outside users.*

- *The applications for experiments are submitted to the head of the sector before drawing up the IBR-2 schedule, considered by the corresponding users' specialized committee, and adopted by the FLNP deputy director or by the head of the Condensed Matter Department.*

- *The IBR-2 beam schedules are drawn up by the head of the Condensed Matter Department with regard to the adopted experiments, checked with the one responsible for monitoring the radiation level, and adopted by the director or the deputy director for condensed matter physics.*

- *On performing an experiment, one fills out the "Experimental Report" form, which is then submitted to the head of the sector.*

- *For realizing the procedure of distributing the resources and time required for performing experiments at the IBR-2 spectrometers, users' committees have been set up for the following specializations: diffraction, small-angle scattering, inelastic neutron scattering, neutron optics, and nuclear physics. Also, the committee for beam experiments of applied or commercial character has been set up. These committees consider applications for experiments.*

Each of the specialized committees is comprised of:

- ◆ *the FLNP deputy director for specialization,*
- ◆ *head of the Condensed Matter Department or the Nuclear Physics Department,*
- ◆ *head of the corresponding sector,*
- ◆ *head of the group of physicists at the spectrometer.*

The committee on the applied works is comprised of:

- ◆ *the FLNP deputy director of the applied works,*
- ◆ *the FLNP chief engineer,*
- ◆ *head of the Heavy Ions Physics Department,*
- ◆ *head of the Condensed Matter Department,*
- ◆ *head of the Neutron Activation Analysis and Radiation Investigations.*

The temporary staff of the users' committees has been formed.

Diffraction	Small-angle scattering
1. I. Natkaniec	1. I. Natkaniec
2. A.M. Balagurov	2. A.M. Balagurov
3. A.I. Beskrovnyi	3. I.N. Serdyuk
4. V.W. Nietz	4. M.A. Kiselev
5. J. Heinitz	

Inelastic scattering	Neutron optics
1. I. Natkaniec	1. I. Natkaniec
2. A.M. Balagurov	2. A.M. Balagurov
3. A.Yu. Muzychka	3. D.A. Korneyev
4. A.V. Puchkov	4. L.P. Chernenko

Nuclear physics investigations	Applied investigations
1. Yu.P. Popov	1. Yu.P. Popov
2. I. Natkaniec	2. V.D. Ananyev
3. W.I. Furman	3. V.I. Lushchikov
4. A.M. Balagurov	4. A.M. Balagurov
5. Yu.A. Aleksandrov	5. V.M. Nazarov

In addition to the brief information on the FLNP spectrometers, which is given in Section 2.1 (Tables 1 and 2), their more detailed characteristics are presented in the "User Guide (Neutron Experimental Facilities at JINR)", issued by FLNP, Dubna, 1992.