

ИНФОРМАЦИЯ ДЛЯ ПОЛЬЗОВАТЕЛЕЙ

Краткая информация о нейтронных источниках и физических установках, данная в соответствующих разделах этого отчета, может быть существенно дополнена с помощью публикаций /1-4/.

Для оформления предложения на эксперимент разработана форма "Application for Beam Time", приложение к которой приводится ниже. В настоящее время предложения на эксперимент рассматриваются непосредственно в группах, по тематике которых оно сделано. Информация о научных руководителях этих групп и соответствующих установках дана в таблице.

Физика конденсированных сред	
ДИН-2	А. В. Пучков
ДН-2	А. И. Бескровный
ДН-5	А. М. Балагуров
КДСОГ	И. Натканец
МУРН	И. Н. Сердюк
НЕРА	И. Натканец
НСВР	Й. Хайнитц
СНИМ	В. В. Нитц
СПН	Д. А. Корнеев

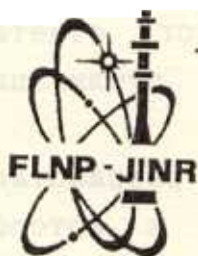
Ядерная физика	
ДЕЛРЕНЕ	А. Б. Попов
ДИФРАН	Ю. А. Александров
ДРЕНИЗ	Э. Дерменджиев
КАСКАД	А. М. Сухой
ПАРКС	Ю. М. Гледенов
ПОЛЯНА	В. П. Алфименков
РОМАШКА	Ю. С. Замятнин
УГРА	Г. С. Самосват

Прикладные исследования	
НАА и РИ	В. М. Назаров

ЛИТЕРАТУРА

1. Aksenov V.L., Physica B 174 (1991) 438.
2. Belushkin A.V., Neutron News 2 (1991) 14.
3. Laboratory of Neutron Physics. Annual Report. Ed. by V.L.Aksenov and A.V.Belushkin, JINR, N 92-59, Dubna, 1992.
4. User Guide (Neutron Experimental Facilities at JINR). Ed. by Yu.V.Taran, JINR, Dubna, 1992.

FLNP



JINR

DUBNA

IBR-2

APPLICATION FOR BEAM TIME

Scientific Secretary

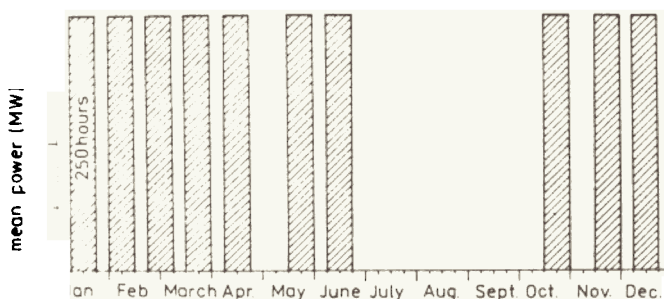
Frank Laboratory of Neutron Physics
Joint Institute for Nuclear Research

141980 Dubna, Moscow Region, Russia

GUIDELINES FOR THE SUBMISSION OF A RESEARCH PROPOSAL REQUESTING THE USE OF NEUTRON BEAMS AT THE IBR-2 PULSED REACTOR

User Policy

All facilities presented in the IBR-2 Instrument Summary are open to general scientific community. The reactor is operating in two-week cycles according to the pattern:



Typical reactor operation schedule

Beam time can be applied for by submitting a research proposal to the address above. Experimental proposals will be regarded as the intellectual property of their authors and will be treated as confidential documents. Technical feasibility will be reviewed by the instruments responsible.

Proposals will be reviewed and ranked by the Laboratory leading scientists. The Program Advisory Committee (PAC) will be organized soon. Applicants from the JINR member states will have a priority to get accommodation in Dubna. Financial support for limited number of users from non-member states is possible. No charge will be made for neutron beams or instrument facilities if the research is non-proprietary.

Beam time may also be purchased by commercial users. Details can be obtained from the Laboratory Scientific Secretary. General information is enclosed.

Contents of the Proposal Form

- Application must be typewritten in English or in Russian.
- Complete a separate application form for each experiment and each instrument.

Description of the proposed research should include:

- scientific context,
- relevance of proposed experiment,
- preliminary work performed using neutron scattering and other techniques,
- details of proposed experimental approach.

All external users carrying out experiments at IBR-2 must have a Laboratory staff member as a local contact who will assist in the preparation and performance of the measurements. If necessary, a local contact will be assigned by the Directorate of the FLNP.

Deadline for Submission

Deadline for submission of proposals for the nine-month reactor operation period from October to June next year is August 31.

Proposals of an urgent nature may be submitted at any time. If the importance of the proposal is confirmed, every attempt will be made to provide experimental facilities in a timely manner. Consideration of experiments not deemed to be urgent will be deferred to the following reactor period.

Safety

All users of the IBR-2 facility must obey the local administrative and safety rules of the JINR.

Foreign Visitors

Non-member states visitors will normally require a visa to visit Dubna. The RF approval for foreign visitors will take up to two months. Assistance in this matter can be obtained by contracting the International Department of the JINR:

International Department
Joint Institute for Nuclear Research
141980 Dubna, Moscow Region, Russia
Telex: 911621 DUBNA SU
FAX: (095) 975-23-81

Mailing of the Proposal

Proposals must be submitted to the following address:

Scientific Secretary
Frank Laboratory of Neutron Physics
Joint Institute for Nuclear Research
141980 Dubna, Moscow Region, Russia
Telex: 911621 DUBNA SU
FAX: (7-096 21) 65 085
Bitnet: TARAN@lnp.jinr.dubna.su

Experimental Reports

Reports on all experimental work performed at IBR-2 must be submitted within three months of the experiment on the appropriate form obtained from the LNP. Reports will be published in the Laboratory of Neutron Physics Annual Reports.

GENERAL INFORMATION FOR VISITORS

Appointments

Everyone working at the Laboratory of Neutron Physics must have a valid appointment and I.D.Card. Guest appointments and I.D.Cards are arranged through the International Department of the Joint Institute for Nuclear Research. For further details contact with the Scientific Secretary.

Transportation

Dubna is situated 130 km north of Moscow on the banks of the Volga river.

The Laboratory can arrange direct transportation by cars from the International Airport Sheremetyevo to Dubna. There is a railway connection between Savelovsky Railway Station in Moscow and Dubna.

Dubna is a small town, so all places including JINR Laboratories could be easily reached afoot. There is a town bus service and taxi.

Housing

JINR maintains in Dubna a Hotel and a limited number of furnished apartments preferably for long-term (more than 3 month) visitors. Formal housing agreements are required prior to occupancy for furnished apartments.

Apartments are assigned, when available, only on request from the Laboratory. The apartments are supplied with furniture, towels, bed linen, kitchen facilities. Irons, toasters and other appliances are not supplied. The regular apartments have TV antenna connection, but the detached units do not.

Food Service

Food service is available on site as outlined below:

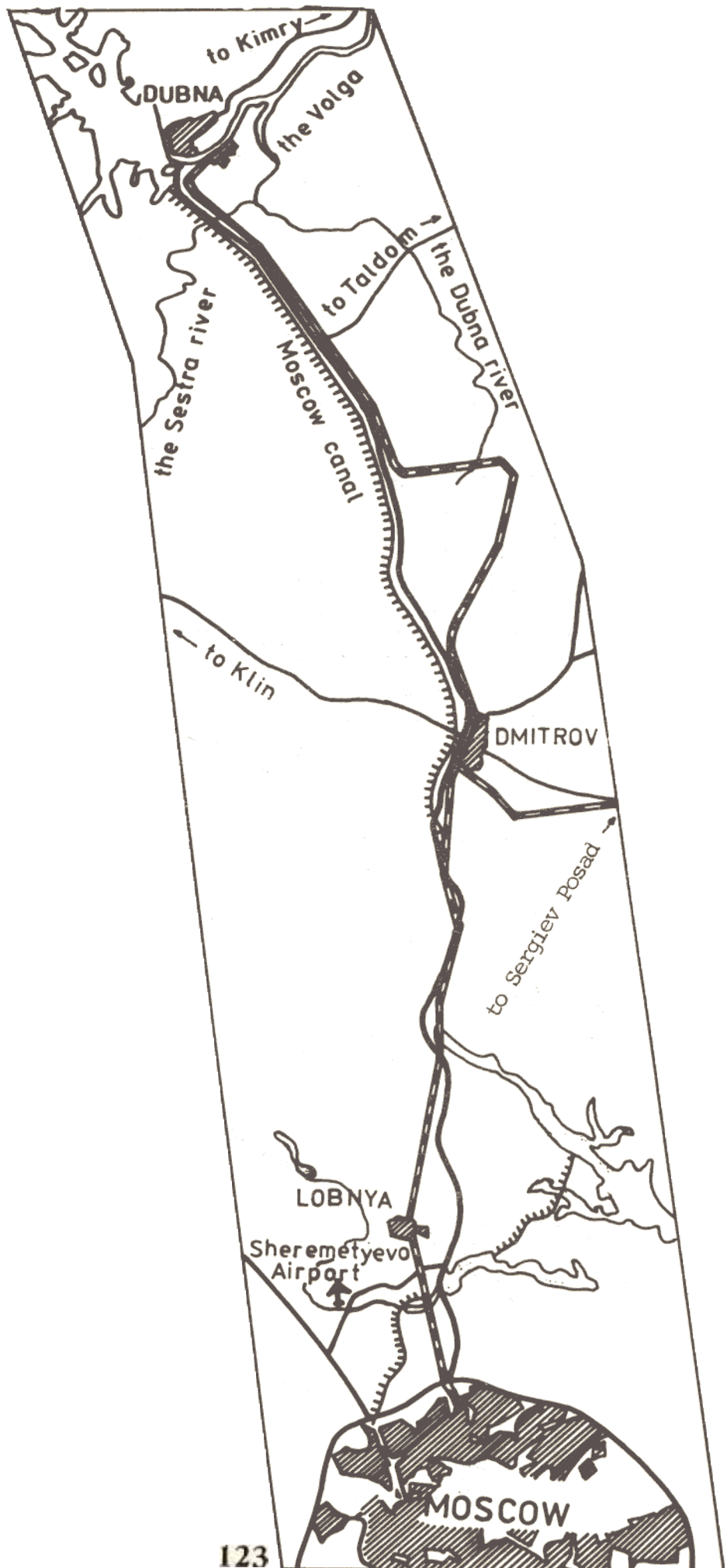
<i>Breakfast</i>	<i>Lunch</i>	<i>Supper</i>
8.00–9.30 a.m.	Restaurant 12.00–5.00 p.m.	7.00–11.00 p.m.
None	Scientists' Club Cafeteria None	6.00–11.00 p.m.
None	Int.Conf.Hall 12.00–3.00 p.m.	None
None	JINR Canteen 12.00–3.30 p.m.	None

On weekends and holidays service is limited to the restaurant and Scientists' Club Cafeteria.

Other Information

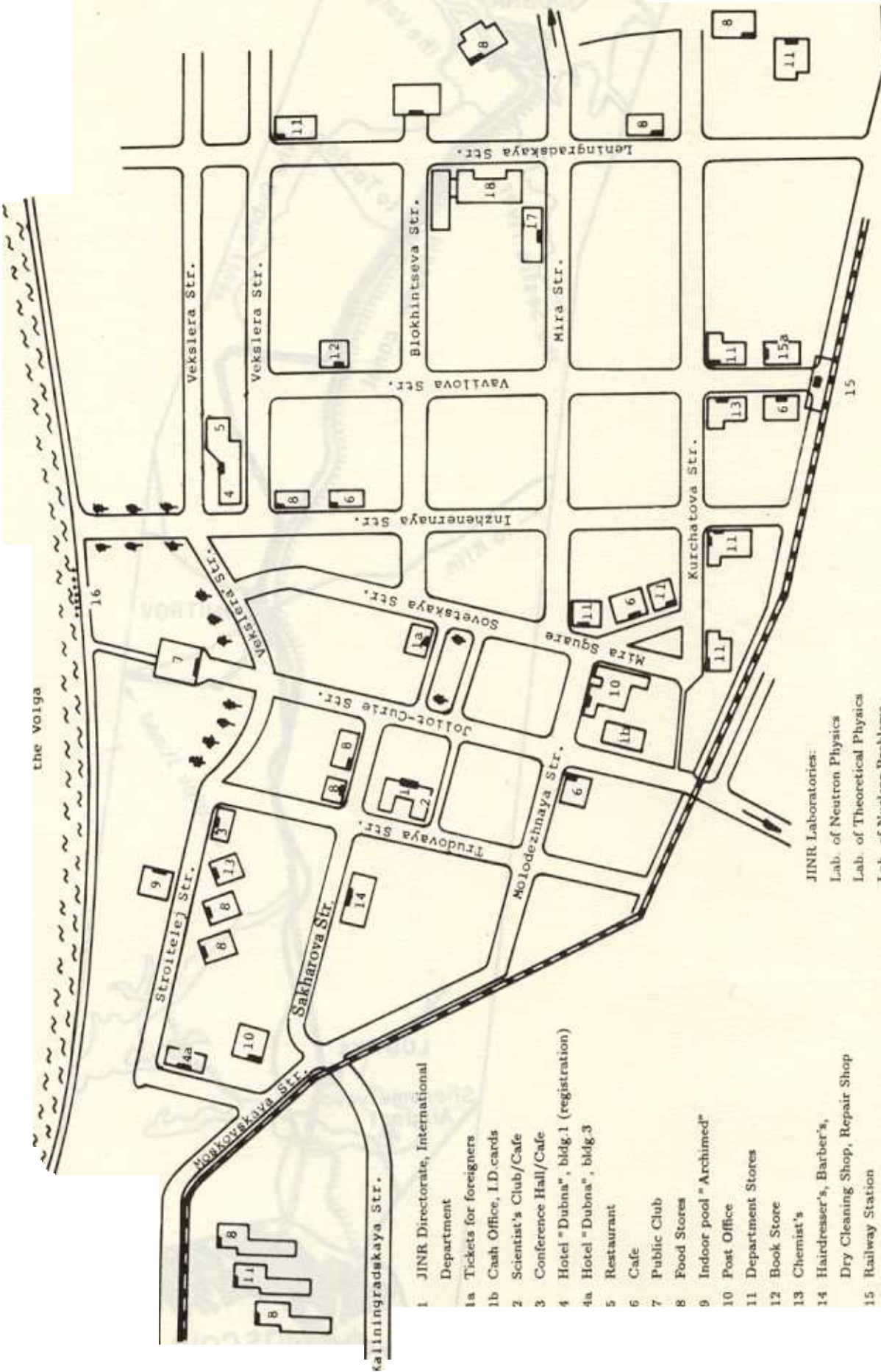
Foreign visitors should register their passports at the Administrator of the Hotel.

Requests for arranging confirmation of the return flights and for transportation to the airport should be addressed to the Scientific Secretary of the Laboratory or directly to JINR International Department (call 6-21-85).



Map of Dubna

JINR Laboratories
Lab. of High Energy Phys



the Volga

1 JINR Directorate, International Department

1a Tickets for foreigners

1b Cash Office, I.D. cards

2 Scientist's Club/Cafe

3 Conference Hall/Cafe

4 Hotel "Dubna", bldg.1 (registration)

4a Hotel "Dubna", bldg.3

5 Restaurant

6 Cafe

7 Public Club

8 Food Stores

9 Indoor pool "Archimed"

10 Post Office

11 Department Stores

12 Book Store

13 Chemist's

14 Hairdresser's, Barber's,

Dry Cleaning Shop, Repair Shop

15 Railway Station

15a Booking Office (over USSR)

16 Beach

17 Polyclinic

18 Hospital

JINR Laboratories:

Lab. of Neutron Physics

Lab. of Theoretical Physics

Lab. of Nuclear Problems

Lab. of Nuclear Reactions

Lab. of Computing Techniques and Automation