



## **Postdoctoral Programme in Neutron Instrument**

**12-month contract**, renewable for another max. 24 months

### **Your mission**

The main objective of this position is the development of new electronic for control system and data acquisitions for new inelastic neutron scattering Instrument. The work content is the development of technical solution for control system and detector electronics.

### **Your tasks**

You will work with electronic group in Spectrometer Complex Department FLNP. Your research programme will focus on:

- Defining the optimal parameters of elements of electronic system for new neutron instrument in collaboration with instrument responsible.
- Making the conclusions and recommendations about the optimal parameters of neutron instrument's elements.

### **Constraints and risks**

Remote work is allowed.

Depending on your citizenship, you may need to obtain a visa and this takes no less than several months. JINR offers all the necessary support for obtaining the RF entry permit.

### **Your profile**

- Highly motivated candidate with a PhD (obtained less than 5 years ago) in physics, materials science or in a similar field.
- Age under 40, have not had more than 3 temporary positions.
- Strong background in experimental physics is a prerequisite.
- Practical experience in neutron scattering methods would be advantageous.
- As an international intergovernmental research organization, we are particularly keen to ensure that we also attract applicants from outside of Russia. You must have good

knowledge of English and be willing to learn Russian (a language course will be provided by JINR).

## What we offer

### High quality of life

Called the "Island of Stability", the city of Dubna is ideally located on the bank of Europe's largest waterway — the Volga River (only 2.5 hours from Moscow by train or bus and 1.5 hours by car from Sheremetyevo International Airport). It is important for us that our employees quickly and easily adapt to the new living conditions and have a healthy work-life balance. Therefore, we offer accommodation in comfortable guest-house rooms (for singles), or fully furnished flats owned by JINR, and annual paid leave.

### Prospects

We guarantee you a **12-months postdoctoral contract, renewable for another max. 24 months (36 month in total)**, in a multicultural scientific environment.

### Remuneration

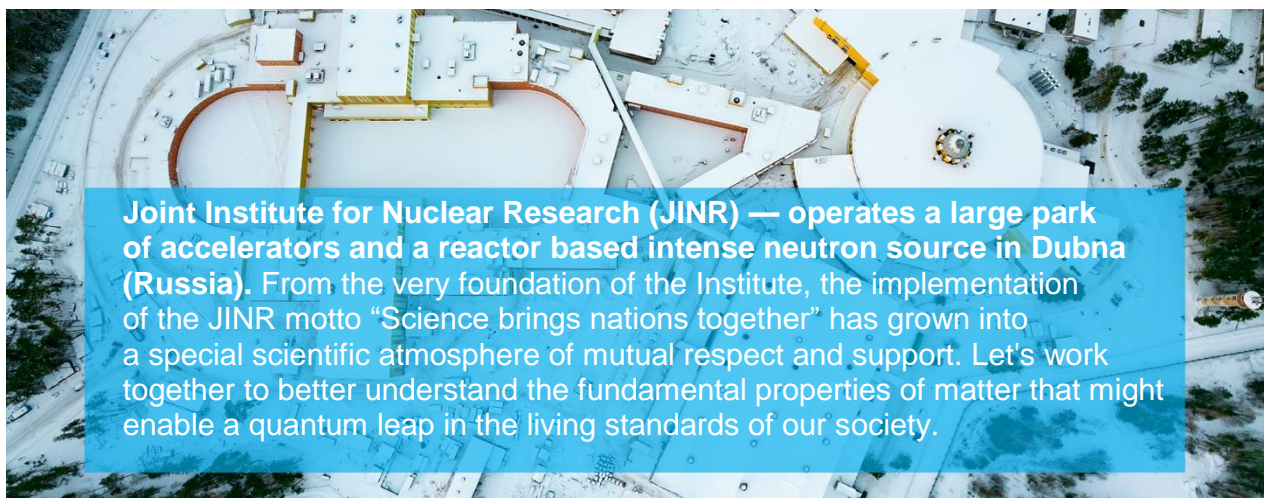
2300 USD per month, paid in Russian rubles at the planned exchange rate (forecasted year-average), which is adopted with the JINR budget for the current year. In 2024, the exchange rate is 90.1 Russian rubles per 1 USD.

Income tax of 13% is applied. The employer shall pay no pension insurance.

### Benefits

We offer considerable social benefits: settling-in allowance, air fare (except for family members), free local health insurance for you and your family members, relocation assistance (under certain conditions), free public school or kindergarten attendance for children. We also offer free Russian courses and subsidies for the use of JINR sports infrastructure (Olympic swimming pool, stadium, gym, etc.), as well as access to a variety of cultural activities.

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