

# OPEN POSTDOC POSITIONS

The Laboratory of Functional Materials for Organic Electronics and Photonics of ISPM RAS under headed by corresponding member of Russian Academy of Sciences S. A. Ponomarenko opens three postdoc positions to implement the project "**Development of new functional materials for biocompatible organic electronics and robotics**" supported by the Russian Science Foundation within the framework of the "Presidential program to support leading laboratories and infrastructure projects". The research topic is related to Organic Electronics – a rapidly developing field of science that combines the efforts of chemists, physicists and engineers to create a new generation of flexible, lightweight and inexpensive (opto-, bio-) electronic and electromechanical devices.

## Advantages:

- Relevant scientific field with a high citation
- Work in an interdisciplinary research team at high scientific level
- International cooperation with the world's leading laboratories in the field of organic electronics
- Availability of modern scientific equipment and opportunities to purchase the new one
- Possibilities to present the results at leading Russian and International scientific conferences
- Full cycle – from material synthesis to microelectronic devices – in one laboratory
- Orientation of scientific results to industrial applications
- Competitive salary – from 120.000 up to 180.000 RUR per month (depending on the efficiency of work and publication activity)
- Contract for 3 years
- Social guarantees in accordance with the Labor code of the Russian Federation

## Requirements to applicants:

- PhD in organic or polymer chemistry, physics or physical chemistry
- Age up to 35 years at the time of conclusion of the contract
- No employment relationship with ISPM RAS in the last 12 months
- Availability of at least three publications of the applicant in the last 2 years in journals from the first quartile of the "Web of Science" database
- Availability of at least five reports at scientific conferences presented by the applicant personally for the last 2 years
- Experience in the experimental research laboratory, the ability to independently conduct the experiment and to be critical of the data obtained
- High efficiency, responsibility, accuracy and stress resistance
- Ability to write scientific articles and work in a team
- Proficiency in English and (*preferably*) Russian

- (*preferably*) Fundamental knowledge in the field of polymers and organic electronics, knowledge of modern experimental methods of polymer research and organic electronic devices
- (*for physicists*) ability to work with basic scientific equipment (oscilloscope, voltage source, optical microscope, etc.), programming skills in C and .NET C#, LabView, experience with MS Visual Studio, SolidWorks, Adobe Illustrator
- (*for chemists*) experience in organic and organometallic synthesis, chromatographic analysis, isolation and purification of organic compounds, evidence of their purity and chemical structure

More information about the laboratory is available at the website: <https://www.ispm.ru/lab7.html>.

Please, send your CV and 2 Recommendation letters from your previous place of work/study to e-mail: [postdoc@ispm.ru](mailto:postdoc@ispm.ru). The Recommendation letters should be sent from the work address of the recommending person.

Contact person – Dr. Elena Agina, phone: +7 (495) 332-58-47.