

## Dear colleagues!

We are pleased to invite you to take part in the XXVIII International symposium “Nanophysics & Nanoelectronics”. The Symposium is planned on March 11-15, 2024 in Nizhny Novgorod (Russia).

### Organizers

- Ministry of Science and Higher Education of the Russian Federation;
- Physical Sciences Branch of the Russian Academy of Sciences;
- Scientific Council of the Russian Academy of Sciences on the physics of semiconductors;
- Scientific Council of the Russian Academy of Sciences on condensed matter physics;
- Institute for Physics of Microstructures of RAS;
- Nizhny Novgorod State University;
- Charitable Foundation “From Heart to Heart”.

### The main scientific topics of the Symposium

1. Superconducting nanosystems;
2. Magnetic nanostructures;
3. Semiconductor nanostructures: electronic and optical properties, methods of formation;
4. Measurements and technologies of atomic and nanometer scale based on probe, electron-beam and ion-beam methods;
5. Multilayer and crystal X-ray optics;
6. Element base of quantum technologies based on condensed matter.

### Format

Talks and posters selected by the Program Committee will be presented on the key subjects of the program. The main language of the symposium is Russian; presentations in English are welcome as well.

### Venue

The symposium will be held in the [Congress Center “Oka”](#) in Nizhny Novgorod. The Congress Center has comfortable conference halls, halls for poster sessions, halls for the exposition of scientific equipment, coffee breaks, meeting rooms, and a restaurant where lunches for the participants and a banquet will be organized.

### Important dates

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|-------------------|--|
| <b>08.11.2023</b> | Deadline for registration and short abstract submission;         |
| <b>29.11.2023</b> | Notification of acceptance and the second announcement;          |
| <b>16.01.2024</b> | Deadline for submission of extended abstracts;                   |
| <b>24.01.2024</b> | Deadline for fee payment for the participation in the Symposium; |
| <b>11.03.2024</b> | The beginning of the Symposium.                                  |

## Registration and abstract submission

To participate in the Symposium one should submit one-page abstract using “My office” on the [Symposium website](#) before November 08, 2023. The notification of acceptance will be sent with the second announcement after November 29, 2023.

Outstanding works presented at the Symposium will be published in the special issues of the journals “Semiconductors”, “Physics of the Solid State” and “Technical Physics”.

## Organizing committee contacts

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