



**1-st Announcement**

***Organizers:***

**National Research Nuclear University MEPhI  
P.N. Lebedev Physical Institute of RAS**

***Co-Chairman of the International Program Committee:***

Mikhail N. Strikhanov – Rector of MEPhI

Oleg N. Krokhin – Academician of RAS, Scientific Adviser of N.G. Basov Higher School of Physics of MEPhI

***Co-Chairman of the International Organizing Committee:***

Irina N. Zavestovskaya - Head of N.G. Basov Higher School of Physics of MEPhI

Igor I. Yashin - Professor of Scientific & Educational Centre NEVOD

<b>International Program Committee</b>	<b>International Organizing Committee</b>
Kartsev P. F. (MEPhI), executive secretary	Fronya A.A. (MEPhI, LPI RAS), executive secretary
Barbashina N.S. (MEPhI)	Aleshchenko Yu.A. (LPI RAS, MEPhI)
Kargin N.I. (MEPhI)	Vishivanyuk A.V. (MEPhI)
Kuznetsov A.P. (MEPhI)	Evsovich A.V. (MEPhI)
Misyurin S.Yu. (MEPhI)	Karpov N.V. (MEPhI)
Timoshenko V.U. (MEPhI, Lomonosov MSU)	Rodionova O.V. (MEPhI)
Kulchin Yu.N. (Far-East Division of RAS, MEPhI)	Kutsenko K.V. (MEPhI)
Kurnaev V.A. (MEPhI)	Genisaretskaya S.V. (MEPhI)
Kalin B.A. (MEPhI)	Klimov V.V. (MEPhI)
Tikhomirov G.V. (MEPhI)	Vasil'evskii I.S. (MEPhI)
Fojtik A. (Technical University Liberec Czech Republic, MEPhI)	
Kabashin A.V. (CNRS, France)	
Galper A.M. (MEPhI)	
Petrukhin A.A. (MEPhI)	

### *The purpose of the scientific school-conference:*

- Attraction of young scientists, PhD students and students to discuss actual scientific problems of modern fundamental and applied physics, nuclear, laser, biomedical and IT breakthrough technologies, nuclear and electro physical instrumentation, professional development of future researchers;
- Improving the qualifications of future researchers and involvement youth in science and education, stimulating scientific and technical creative activity.

### *The program includes:*

- Lectures by leading foreign and Russian scientists on modern scientific research areas;
- Presentation of young scientists with oral and poster reports;
- Publication of the Conference School Abstracts Collection;
- Publication of the Conference School Proceedings (based on scientific publications included in the Web of science / Scopus database);
- Competition of school project works for pupils of 10-11 classes (Competition day is scheduled for April 18, beginning at 13:30);
- International competition of scientific bachelor's works;
- International competition of scientific youth works (young scientists, graduate students, undergraduates);
- Winners receive a recommendation for the publication of an article in the School-Conference Collection of Works;
- Participation of students and young scientists as students of the school without presenting a report;
- Visits to laboratories and scientific centers of the MEPhI, LPI and GPI of RAS;

### *Subject sections:*

- Nuclear physics and technologies, particle physics, astrophysics and cosmophysics – N.S.Barbashina, Chairman
- Laser physics, solid state physics, optics and plasma physics – A.P.Kuznetsov, Chairman
- IT technologies, intelligent systems, cybersecurity – S.Yu.Misyurin, Chairman
- Engineering physics technologies for biomedicine – V.Yu.Timoshenko, Chairman
- Electronics, automatics, spintronics, nanotechnologies – N.I. Kargin, Chairman
- Nuclear, electrical engineering, mechanical engineering – A. V. Berestov, Chairman

***Form and conditions of participation in the work of the scientific school:***

- Conference languages - Russian and English.
- Electronic registration of participants - on the school page <http://magistr.mephi.ru/school/> until February 04, 2019.
- Abstracts should be sent to [MPPT@mephi.ru](mailto:MPPT@mephi.ru)
- Applications and abstracts will be accepted until February 4, 2019.\*
- A sample of abstracts posted on the website of the scientific school.

*\*Foreign citizens must additionally send a copy of their passport to the e-mail of the School-Conference, and also inform Organizing Committee what type of visa they are planning to enter Russia or what visa they have already opened (study, business).*

***Address of the Organizing Committee***

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Сайт: <http://magistr.mephi.ru/school/>