

**VI International Scientific School-Conference of Young Scientists**  
**“MODERN PROBLEMS OF PHYSICS AND TECHNOLOGIES”**  
 Devoted to the 75<sup>th</sup> Anniversary of the National Research Nuclear University  
 MEPhI and 95<sup>th</sup> Anniversary of Academician N.G. Basov  
 April 17-21, 2017  
 Moscow, MEPhI

**ANNOUNCEMENT**

***Organizers:***

**National Research Nuclear University MEPhI**  
**P.N. Lebedev Physical Institute of RAS**  
**Russian Foundation for Basic Research**

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

Irina N. Zavestovskaya, Director of the Institute of Engineering Physics for Biomedicine of MEPhI

Igor I. Yashin, Acting Dean of N.G. Basov Higher School of Physics of MEPhI

<b>International Program Committee</b>	<b>International Organizing Committee</b>
Kartsev P. F. (MEPhI), executive secretary	Ananskaya A.A. (MEPhI, LPI RAS), executive secretary
Barbashina N.S. (MEPhI)	Aleshchenko Yu.A. (LPI RAS, MEPhI)
Vesna E.B. (MEPhI)	Alhimova M.A. (MEPhI)
Kabashin A.V. (CNRS, France)	Grigor'eva M.S. (MEPhI, LPI RAS)
Kalin B.A. (MEPhI)	Evsovich A.V. (MEPhI)
Kargin N.I. (MEPhI)	Fronya A.A. (MEPhI)
Kasumova R.D. (BSU, Azerbaijan)	Kazakevich V.S. (Samara Branch of LPI RAS)
Komochkina E.A. (MEPhI)	Karpov N.V. (MEPhI)
Konov V.I. (GPI RAS)	Kozlovskaya N.A. (KubSU)
Kotova S.P. (Samara Branch of LPI RAS)	Kotova N.E. (CGG, UK, MEPhI)
Kuznetsov A.P. (MEPhI)	Malov A.N. (ISMU)
Kulchin Yu.N. (Far-East Division of RAS, MEPhI)	Parfenov A.V. (Physical Optics Corporation, USA)
Kurnaev V.A. (MEPhI)	Rodionova O.V. (MEPhI)
Leonova N.M. (MEPhI)	Vishivanyuk A.V. (MEPhI)
Misyurin S.Yu. (MEPhI)	Yatsenko L.P. (IP of NASU, Ukraine)
Nikitaev V.G. (MEPhI)	

### ***The goal of the School-Conference:***

Attraction of young scientists, PhD students and students to discuss actual scientific problems of modern basic and applied physics, nuclear and physical technologies, professional development of future researchers, and attraction of young personnel to science and education.

### ***The program of the School-Conference envisages:***

- Lectures of leading foreign and Russian scientists on hot topics of research
- Oral reports and posters of young scientists
- Competition of the reports of young scientists, PhD students and students. The selected papers will be recommended for publication in Bulletin of the Lebedev Physics Institute and IOP: Conference Series journals (both are included into Web of Science и Scopus data bases)
- Publication of the materials of School-Conference
- Participation of students and young scientists as the School listeners without report
- Visiting the laboratories and research centers of 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
- Reports in English on all subjects of the School – Yu.A.Aleshchenko, Chairman

### ***Form and conditions of participation in scientific School:***

- The working languages of the School-Conference – Russian and English.
- Electronic registration of participants – on the web-page of the School-Conference <http://magistr.mephi.ru/school/>
- Abstracts should be sent to the address [MPPT@mephi.ru](mailto:MPPT@mephi.ru)
- Abstract and application submission due date is March 19, 2017. \*
- The template of an abstract can be found at the site of School-Conference.

\* *Foreign citizens should send a copy of the passport to the electronic address of the School-Conference, and inform organizers on the type of the visa planned to be used to enter Russia or on the type of the already opened visa (educational, business).*

### ***Address of the Organizing Committee:***

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