



РОСАТОМ



НАУКА И ИННОВАЦИИ
управляющая компания

ПРЕДПРИЯТИЕ «ОСКОЯТОРЩИИ» «РОСАТОМ»

International Scientific Conference

“AtomTech-2015.Electrophysics”

November 17–19, 2015, Moscow

First Announcement

About the Conference

The aim of the conference is the identification of innovative ideas and encouraging the development of novel R&D as well as promoting professional growth of young researchers starting their activity in the conference topics.

The Conference AtomTech 2015.Electrophysics (ATEP-2015) will be held from 17th till 19th November 2015 in Moscow. It is the 3rd conference in the series of annual meetings promoting the exchange of scientific information on the technology, development and application of electro physics for nuclear industry, medicine, agriculture and biological sphere, environment protection. The first conference was organized in 2013 by State Corporation “Rosatom”.

Conference Venue

National Research Nuclear University “MEPhI”, Moscow, Kashirskoye Shosse, 31.

Topics

- Matter and biological objects in strong electromagnetic fields,
- Plasma and beam technologies,
- HTS industrial and scientific equipment,
- Accelerators and electromagnetic devices for nuclear technology, medicine, agriculture and biological use,
- Thermionic and thermoelectric converters,
- Electrophysical equipment for industrial and scientific applications,
- The use of industrial lasers

Participation in the Conference

In order to select the reports for the purpose of formation of the conference scientific program it is necessary to submit the topic and abstract (maximum one page) by email: AtomTech@plasma.mephi.ru.

The conference program will consist of the plenary and topical section sessions as well as the poster presentations.

The program committee will make a selection of the presentations for publication in a special issue of “Nuclear Physics and Engineering” journal; a number of presentations will be recommended for publication in the renowned Russian scientific journals, such as “Plasma Physics Reports”, “Instruments and Experimental Techniques”, “Technical Physics”, and others. *(The papers will only be published provided the authors present a document authorizing the information exchange).*

The manuscript preparation guidelines for “Nuclear Physics and Engineering” journal are available at http://npe.mephi.ru/ru/author_guide.

Important Dates:

Abstract submission ends – October 31, 2015

Author notification – November 7, 2015

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Conference Website: <http://plasma.mephi.ru/ru/AT2015en>

Committees

International program committee

Pershukov V.A., Deputy Director General, Director of the Innovation Management Unit, Rosatom State Corporation, head of the department at NRNU MEPhI – co-chairman of the program committee (Russian Federation).

Smirnov V.P., Deputy Director General JSC “Science and innovations”, research supervisor at the electro-physical unit, academician of the Russian Academy of Sciences – co-chairman of the program committee (Russian Federation).

Strikhanov M.N., Head of NRNU MEPhI, academician of the Russian Academy of Education – co-chairman of the program committee.

Andriash A.V., Research Supervisor FSUE “VNIIA” (Russian Federation).

Batyrbekov E.G., Director General RSE “National Nuclear Center” of the Nuclear Energy Agency of the Republic of Kazakhstan (Kazakhstan).

Van Oost G., Professor at Ghent University (Belgium).

Garanin S.G., Deputy Scientific Supervisor FSUE «RFNC-VNIIEF», corresponding member of the Russian Academy of Sciences, the head of the department at NRNU MEPhI (Russian Federation).

Dub A.V., Director General JSC «Science and innovations», Professor (Russian Federation).

Krasheninikov S.I., Professor at the University of California, San Diego (USA).

Kurnaev V.A., Head of the department at NRNU MEPhI (Russian Federation).

Mladenov G., Professor at the Institute of Electronics of the Bulgarian Academy of Sciences, Corresponding Member of the Bulgarian Academy of Sciences (Bulgaria).

Mueller G., Professor at the Karlsruhe Institute of Technology (KIT), Deputy Director of the Institute for Pulsed Power and Microwave Technology (Germany).

Risovanyi V.D., Deputy Director General JSC «Science and innovations», research supervisor at the physical energy unit (Russian Federation).

Rykovanov G.N., Research Supervisor FSUE «RFNC-VNIITF», academician of the Russian Academy of Sciences (Russian Federation).

Sarychev G.A., Deputy Director General JSC «Science and innovations», Research Supervisor at the chemical-technological unit, Head of the department at NRNU MEPhI (Russian Federation).

First Announcement

Tikhomirov G.V., Dean NRNU MEPhI (Russian Federation).

Tsivadze A.Yu., Director IPCE RAS, academician of the Russian Academy of Sciences (Russian Federation).

Cherkovets V.E., Director JSC «SRC of RF TRINITI» (Russian Federation).

Organizing committee

Smirnov V.P., Deputy Director General JSC “Science and innovations”, research supervisor at the electro-physical unit, academician of the Russian Academy of Sciences

Kurnaev V.A., Head of the department at NRNU MEPhI

Tikhomirov G.V. Dean NRNU MEPhI

Ivanov K.V., Head of the communications department JSC «Science and innovations»,

Sushkov P.V., Project Leader JSC “Science and innovations”

Golubev A.A., Adviser to the Research Supervisor at the electro-physical unit JSC “Science and innovations”

Kaziev A.V., Engineer at laboratory 377 NRNU MEPhI – scientific secretary