



October 10-14, 2017, Moscow, Russia

## The 2<sup>nd</sup> International Symposium on “Physics, Engineering and Technologies for Bio-Medicine”

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### 1st ANNOUNCEMENT

The 2<sup>nd</sup> *International Symposium on «Physics, Engineering and Technologies for Bio-Medicine»* is organized following the successful 1<sup>st</sup> International Symposium on “Physics, Engineering and Technologies for Bio-Medicine”, held in Moscow at the occasion of the foundation of the new Institute PhysBio at MEPHI (Russia).

Under the auspices of the Russian Ministry of Science and Education, the Ministry of Health and the State Company Rosatom, the 2<sup>nd</sup> Symposium is again organized by the Institute of Engineering Physics for Biomedicine (PhysBio) of the National Research Nuclear University MEPHI (Moscow Engineering Physics Institute) in close collaboration with non-profit partnership «Kaluga pharmaceutical cluster».

The Symposium aims at bringing together leading scientists and experts in nuclear medicine, biophysics, bio-photonics, and emerging fields to present their works and having invited lectures on the following topics:

- Advanced materials and methods for MRI and PET
- Bioimaging technologies and materials
- Bio-photonics for diagnosis and therapy
- Bioprinting
- Brachy-, Proton and Ion therapy methods
- Diagnosis methods, today and in the future
- Immuno-therapy
- Isotopes for medical purpose
- Medical-biological aspects of radiation effects
- Nanomaterials for biomedical applications
- Plasma and laser technologies for biomedicine
- Translational medicine

The Symposium provides a unique opportunity for fruitful scientific discussions and for establishing contacts with scientists all over the world.

**Please note the following important information:**

Key note lecture: *Marco Durante*, director of Trento Institute for Fundamental Physics and Applications (TIFPA) and President of the International Association for Radiation Research (IARR).

In the framework of the Symposium the *2<sup>nd</sup> International school for young scientists “Physics, Engineering and Technologies for Biomedicine”* will be held 8-9 October 2017. Special lectures for students and young scientists will be organized from 10:00 to 17:00 at MEPhI.

The format of the Symposium – invited lectures and poster session.

The official language of the Symposium is English.

Registration fee – 250 euros.

Invited speakers and students are free from payment of registration fee.

September 01, 2017 - Deadline for abstract submission

October 01, 2017 - Deadline for registration

October 09, 2017 , 7 p.m. - Welcome reception

October 13, 2017 , 7 p.m. - Conference dinner

More detailed information on the Symposium organization is available on the following webpage: <http://physbio.mephi.ru/symp17/> . If you have any questions, please, use the following e-mail: [PhysBioSymp17@mephi.ru](mailto:PhysBioSymp17@mephi.ru) .

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