



October 10-14, 2017, Moscow, Russia

The 2nd International Symposium on “Physics, Engineering and Technologies for Biomedicine”

The 2nd *International Symposium on «Physics, Engineering and Technologies for Bio-Medicine»* is organized following the successful 1st International Symposium on “Physics, Engineering and Technologies for Bio-Medicine”, held in Moscow at the occasion of the foundation of the 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 2nd 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 Fundamenta Physics and Applications (TIFPA) and President of the International Association for Radiation Research (IARR).

In the framework of the Symposium the *2nd 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.

There is no registration fee.

Deadline for abstract submission: September 1, 2017

Deadline for registration: October 1, 2017

Welcome reception: 7 p.m. on October 9, 2017

Conference dinner: 7 p.m. on October 13, 2017

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.

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