



October 15-17, 2018, Moscow, Russia

The 3rd International Symposium on “Physics, Engineering and Technologies for Biomedicine”

The 3rd *International Symposium on «Physics, Engineering and Technologies for Bio-Medicine»* is organized following the successful 1st and 2nd 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 3rd 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 the Biophysics Department at the GSI Helmholtz Center, Darmstadt, Germany.

In the framework of the Symposium, the *Workshop on Nuclear Nanomedicine* will be held 13 October 2018.

The 3rd *International school for medical doctors and young scientists “Physics, Engineering and Technologies for Biomedicine”* will be held 14 October 2018. Special lectures for medical doctors, students and young scientists will be organized from 10:00 to 17:00.

After the Symposium, you have the opportunity to visit the laboratory of PhysBio MEPhI in Moscow and Obninsk. Excursions will be held on 18 October 2018. Detailed information about excursions is available on the Symposium website.

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

The official language of the Symposium is English.

Deadline for abstract submission: September 15, 2018

Deadline for registration: October 1, 2018

More detailed information on the Symposium organization is available on the following webpage : <http://physbio.mephi.ru/symp18/> If you have any questions, please, use the following e-mail: PhysBioSymp@mephi.ru

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