

Synchrotron and Free electron laser Radiation: generation and application (SFR-2016)

Tuesday 05 July 2016

Biomedical application of SR and THz radiation: Part I - Conference Hall (10:20-12:00)

-Conveners: Mikhail Moshkin

time	[id] title	presenter
10:20	[136] Biomedical Applications of Terahertz Radiation	Dr WALLACE, Vincent
10:40	[160] The study of the nonthermal effects of terahertz radiation on living systems.	Prof. PELTEK, Sergey
11:00	[176] Radiation therapy of human glioma tumors experiments in SSTRC	Dr KUPER, Konstantin
11:20	[48] Nanoradiator therapy and synchrotron X-ray imaging of malignant brain tumor	Prof. KIM, Jong-Ki
11:40	[172] Investigation of the principles of detection of small amounts of nanoparticles of drugs and their conglomerates during the synthesis and transport in vivo using methods of X-ray synchrotron radiation	Mr ANCHAROV, Alexey

Biomedical application of SR and THz radiation: Part II - Conference Hall (13:00-14:40)

-Conveners: Konstantin Zolotarev

time	[id] title	presenter
13:00	[38] Study of the THz response of protein solutions at different stages of glycation	Dr CHERKASOVA, Olga
13:20	[66] Structural parameters of macroscopically flat lipid multilayers on a silica sol substrates	Mr VOLKOV, Yuriy
13:40	[119] Synchrotron Small-Angle X-Ray Scattering as Universal Instrument of Structural Analysis of Bio and Nanosystems	Dr SHTYKOVA, Eleonora
14:00	[147] The possibility of direct analysis of biological tissues of a few milligrams by SR XRF method	TRUNOVA, Valentina
14:20	[103] Analysis of K-lines X-ray fluorescence of Rare-Earth and High-Z elements on storage ring of the VEPP-4M	Mr LEGKODYMOV, Aleksandr