

BPU11 CONGRESS

Thursday, 1 September 2022

S13 Biophysics and Medical Physics - Audiovisual Archive (Hall 102) (11:00 - 12:30)

-Conveners: Gordana Lastovicka-Medin

time	[id] title	presenter
11:00	[74] Bioflexoelectricity: a Physical Motor of the Living Cell	PETROV, Alexander
11:30	[55] The SEEIIST project	Prof. LITOV, Leandar
11:45	[250] Non-supervised algorithms for Raman spectral decomposition in the in-vitro study of oxide nanoparticles effects on human cells	AŠKRABIĆ, Sonja
12:00	[9] An overview on medical imaging system in Albania during the COVID-19 pandemic	Dr HYKA, Niko
12:15	[226] Advantages of hadron therapy in the treatment of cancer compared to other radiotherapy modalities with the example of Montenegro	KUZMANOVIĆ, Maja

S13 Biophysics and Medical Physics - Audiovisual Archive (Hall 102) (14:30 - 16:00)

-Conveners: Jugoslav Karamarković

time	[id] title	presenter
14:30	[290] LGAD enabling technology for 4D tracking and timing measurements in experiments with ions, accelerators and for medical applications	LASTOVICKA-MEDIN, Gordana
14:45	[132] Phase Plane Rotation as Variance Reduction Method in Monte Carlo Simulations of Axial-Symmetric Radiation Sources	PECIC, Stevan
15:00	[51] Self-Association of Antimicrobial Peptides in Mono- and Multicomponent Solutions: a Computational Study	Dr LILKOVA, Elena
15:15	[92] Dosimetric evaluation of radiation bundles without flat filter in linear accelerators used in radiotherapy	Mr MITRUSHI, Fotion
15:30	[93] Comparison of Co-60 and Ir-192 in brachytherapy treatment planning	Ms MEMA, Rodjana