



# LXX International conference "NUCLEUS – 2020. Nuclear physics and elementary particle physics. Nuclear physics technologies"

## Tuesday, October 13, 2020

### Section 8. Nuclear medicine (2:40 PM - 6:15 PM)

time	[id] title	presenter
2:40 PM	M228] Obtaining of the Zr-89 medical isotope in the $(\gamma, n)$ -reaction	Mr REMIZOV, Pavel
3:05 PM	M117] Method of correction beam hardening artifacts in CT.	Ms BUKHONOVA, Liliya
3:30 PM	M168] A study of neutron flux from 20 MeV medical linear accelerators	Dr LYKOVA, Ekaterina
3:55 PM	M240] The FragmentatiOn Of Target (FOOT) experiment	BIONDI, Silvia
4:20 PM	Coffee break	
4:35 PM	M254] Post-Effects of Radioactive Decay in DOTA Chelator and Magnetite Nanoparticles Labelled with Auger- and Internal Conversion Electron-Emitters, Alpha- and Beta Decay Radionuclides	ALEKSEEV, Igor
5:00 PM	M263] REACTOR PRODUCTION OF NUCLEAR MEDICINE ALPHA-EMITTERS WITH RADIUM-226	LUMPOV, A.A.
5:25 PM	M226] Gd SELF-SHIELDING EFFECT IN NCT EXPERIMENTS WITH MAGNEVIST	Dr KULABDULLAEV, Gayratulla
5:50 PM	M24] Digital Image Processing in Nuclear Medicine	KOTINA, Elena

## Wednesday, October 14, 2020

### Section 8. Nuclear medicine (2:40 PM - 5:50 PM)

time	[id] title	presenter
4:10 PM	[389] Timepix detector with a coded aperture for small animal SPECT	ROZHKOV, Vladislav
4:35 PM	[446] LOW THRESHOLD-ENERGY ION-CHAMBER SYSTEM FOR PROTON THERAPY MONITORING	POTASHEV, Stanislav
5:00 PM	[427] INVESTIGATION OF EXPOSURE OF EPITHERMAL NEUTRONS RADIATION ON THE SAMPLES OF TUMOR TISSUES AT Gd-NCT	Dr KULABDULLAEV, Gayratulla
5:25 PM	[48] Combined radiation development strategy for bone implant sterilization methods	Prof. ROZANOV, Vladimir