Contribution ID: 897

Type: Oral

3D visualization of radiotracers for SPECT imaging using a Timepix detector with a coded aperture

Wednesday, 13 October 2021 16:30 (15 minutes)

The aim of the report is to demonstrate the capabilities of developed small field of view visualization system for gamma radiation sources. The measured system characteristics indicate the possibility of using it in preclinical studies on small animals. The results of tomographic studies on calibration phantoms are presented.

Primary author:ROZHKOV, Vladislav (JINR)Presenter:ROZHKOV, Vladislav (JINR)Session Classification:Applied research

Track Classification: Applied Research