

International workshop "Positronium - from Quantum Physics to Medical Applications"

Contribution ID: 4

Type: **not specified**

Nuclear medical imaging based on entangled photon pair

Thursday 27 April 2023 09:00 (50 minutes)

Research activities related to novel nuclear medicine instrumentation in the university of Tokyo will be introduced. Especially Compton and PET hybrid scanner, quantum entanglement PET and simultaneous imaging and sensing based on cascade entangled photons will be discussed together with its readout electronics and image reconstruction.

Presenter: SHIMAZOE, Kenji (The University of Tokyo)

Session Classification: Positronium in medical imaging

Track Classification: Positronium in medical applications