

IV Geant4 International User Conference at the physics-medicine-biology frontier

Tuesday, October 25, 2022

Geant4 for Nuclear Medicine - Centro Congressi "Federico II", (2:00 PM - 3:30 PM)

time	[id] title	presenter
2:00 PM	[90] A GATE in silico evaluation of the γ -eye preclinical system, for imaging alpha and beta radiopharmaceuticals	Dr PAPANIMITROULAS, Panagiotis
2:12 PM	[28] Internal dosimetry of salivary glands in PSMA-targeted PET/CT: a Monte Carlo based study	Dr PISTONE, Daniele
2:25 PM	[48] Monte Carlo simulation for personalized dosimetry in radionuclide therapy	DI DOMENICO, Giovanni
2:37 PM	[46] Internal bremsstrahlung: the missing process in beta decay Monte Carlo simulation for Dose-Point-Kernel estimation	Dr PISTONE, Daniele
2:49 PM	[83] Translating N-12 imaging to the clinic using Monte Carlo simulations	AHMADI GANJEH, Zahra
3:01 PM	[116] Planar Coded Aperture Reconstruction for Gamma-Imaging via Machine Learning and the TOPAS Simulation toolkit	MEISSNER, T
3:13 PM	[115] New Geant4 model of channeling in crystals and its potential applications in medical physics	SYTOV, Alexei