



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

## Tuesday, 25 October 2022

### Geant4 for Nuclear Medicine - Centro Congressi "Federico II", (14:00 - 15:30)

time	[id] title	presenter
14:00	[90] A GATE in silico evaluation of the $\gamma$ -eye preclinical system, for imaging alpha and beta radiopharmaceuticals	Dr PAPANIMITROULAS, Panagiotis
14:12	[28] Internal dosimetry of salivary glands in PSMA-targeted PET/CT: a Monte Carlo based study	Dr PISTONE, Daniele
14:25	[48] Monte Carlo simulation for personalized dosimetry in radionuclide therapy	DI DOMENICO, Giovanni
14:37	[46] Internal bremsstrahlung: the missing process in beta decay Monte Carlo simulation for Dose-Point-Kernel estimation	Dr PISTONE, Daniele
14:49	[83] Translating N-12 imaging to the clinic using Monte Carlo simulations	AHMADI GANJEH, Zahra
15:01	[116] Planar Coded Aperture Reconstruction for Gamma-Imaging via Machine Learning and the TOPAS Simulation toolkit	MEISSNER, T
15:13	[115] New Geant4 model of channeling in crystals and its potential applications in medical physics	SYTOV, Alexei