

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

Wednesday, October 26, 2022

Geant4 for microdosimetry - Centro Congressi "Federico II", (10:45 AM - 12:09 PM)

time	[id] title	presenter
10:45 AM	[38] Estimation of energy imparted from ionization-based measurements at the nanometer scale	Dr SELVA, Anna
10:57 AM	[100] Impact of intracellular radionuclide distribution in Targeted Alpha Therapy : a Monte-Carlo biophysical study in 3D multicellular model	LEVRAGUE, Victor
11:09 AM	[24] Implementation of nitrogen cross-sections in Geant4-DNA	Dr VILLAGRASA, Carmen
11:21 AM	[82] Systematic uncertainty budget for a novel diamond microdosimeter	MAGINI, Jacopo
11:33 AM	[96] First microdosimetric characterization of nuclear interaction events, and assessment of their effect on the dose-mean lineal energy uncertainty.	PARISI, Gabriele
11:45 AM	[84] Microdosimetry for proton treatment planning	MAGINI, Jacopo
11:57 AM	[49] A new genome geometrical model with atomic resolution based on HiC-maps.	BERNAL, Mario A