

28th Geant4 Collaboration Meeting

Wednesday 27 September 2023

Parallel 5A: New EM validations - Room A (14:00 - 15:30)

-Conveners: Jay Archer; Susanna Guatelli

time	[id] title	presenter
14:00	[43] Model of the single Coulomb scattering of e-/e+ based on numerical DCS from DPWA	NOVAK, Mihaly
14:15	[12] Bragg Peak validation	NOT SUPPLIED, MIGUEL ANTONIO CORTES GIRALDO
14:30	[13] Validation of Geant4 fragmentation for incident alpha particles	BOLST, David
14:45	[14] Modelling the Response of CLLBC(Ce) and TLYC(Ce) SiPM-Based Radiation Detectors in Mixed Radiation Fields with Geant4	BROWN, Jeremy
15:00	[15] Calculation of early DNA damage in astronauts: update and future perspectives	ARCHER, Jay
15:15	[44] Geant4 based Dose Planning Monte Carlo (DPM)	NOVAK, Mihaly