

14th Geant4 Users and Collaboration Workshop

Thursday, 15 October 2009

Parallel Session III - Medical - Room "Azzurra" (16:30 - 18:50)

time	[id] title	presenter
16:30	[23] From imaging to dosimetry: Geant4-based study on the application of Medipix2 to neutron personnel dosimetry.	Dr GUATELLI, S.
16:50	[3] Skin Dosimetry in MRI-guided Radiotherapy (MRIgRT)	Mr OBORN, Bradley
17:10	[24] Geant4-based studies to characterise the tissue-equivalence of SOI and diamond microdosimeter detectors, under development at CMRP.	Dr GUATELLI, S.
17:30	[108] Dosimetric study of photon dose distribution in lungs under different respiratory phases: comparison with GEANT4 simulations	Dr CACCIA, Barbara
17:50	[59] Implementation of a Monte Carlo - GEANT4 Simulation for the dosimetric study of electron beams produced by a mobile accelerator for IORT	Dr RUSSO, Giorgio
18:10	[66] The role of Geant4 in the production of a database for an ion therapy Treatment Planning System	RUSSO, Germano
18:30	[82] Geant4 based simulation of the Leksell Gamma Knife for treatment planning validation	Dr ROMANO, Francesco