



Contribution ID: 94

Type: not specified

Monte Carlo simulations of microdosimetry and radiolytic species production for preclinical proton beam using GATE and Geant4-DNA as part of the FLASHMOD project

Wednesday, October 26, 2022 9:53 AM (12 minutes)

Topic

Radiobiology including Geant4-DNA

Primary author: FOIS, Giovanna Rosa (Laboratoire de Physique de Clermont)

Co-authors: KOUMEIR, C; HADDAD, F; POIRIER, F; BLAIN, G; DELPON, G; TRAN, H; VANDENBORRE, J; MAIGNE, Lydia (Laboratoire de Physique de Clermont, CNRS/IN2P3, Université Clermont Auvergne, Aubière, France); EVIN, M; GHALEI, M; SERVAGENT, N; MOUCHARD, Q; CHIAVASSA, S; INCERTI, S; SUPIOT, S; FIEGEL, V; MÉTIVIER, V; POTIRON, V

Presenter: MAIGNE, Lydia (Laboratoire de Physique de Clermont, CNRS/IN2P3, Université Clermont Auvergne, Aubière, France)

Session Classification: Geant4 for DNA Damage evaluation