



Contribution ID: 43

Type: **not specified**

In-silico calculations of DNA damage induced by DaRT for a better understanding of the radiobiological effectiveness of this treatment

Wednesday, 26 October 2022 09:41 (12 minutes)

Topic

Radiobiology including Geant4-DNA

Primary author: BALLISAT, Laura (School of Physics, University of Bristol, Bristol, UK)

Co-authors: Dr VELTHUIS, Jaap (University of Bristol); Dr BECK, Lana (University of Bristol); GUATELLI, Susanna (Centre For Medical Radiation Physics, University of Wollongong); SAKATA, Dousatsu (Research Associate at National Institute of Radiological Sciences); Prof. ROZENFELD, Anatoli (University of Wollongong); INCERTI, Sébastien (Univ. Bordeaux, CNRS, LP2I Bordeaux, UMR 5797, F-33170 Gradignan, France); TRAN, Hoang Ngoc (Univ. Bordeaux, CNRS, LP2I Bordeaux)

Presenter: BALLISAT, Laura (School of Physics, University of Bristol, Bristol, UK)

Session Classification: Geant4 for DNA Damage evaluation