



Contribution ID: 109

Type: not specified

Quantum entanglement effects in Geant4 for PET applications

Tuesday, 25 October 2022 12:11 (12 minutes)

Topic

Imaging

Primary authors: Dr CHERLIN, Alex (Kromek Group, Sedgefield, County Durham, UK); Prof. WATTS, Daniel (Department of Physics, University of York, York, UK); Dr BROWN, Jamie (Department of Physics, University of York, York, UK); Dr ALLISON, John (Geant4 Associates International Ltd., Hebden Bridge, UK. Department of Physics and Astronomy, University of Manchester, Manchester, U); Dr BORDES, Julien (Department of Physics, University of York, York, UK); Dr BASHKANOV, Mikhail (Department of Physics, University of York, York, UK); Dr ZACHARIOU, Nick (Department of Physics, University of York, York, UK); Dr NEWTON, Ruth (Department of Physics, University of York, York, UK)

Presenter: Dr BORDES, Julien (Department of Physics, University of York, York, UK)

Session Classification: Geant4 for Nuclear Medicine