

Ziad Francis is an assistant professor of physics since 2011 at the Saint Joseph University of Beirut. After his PhD at the Blaise Pascal University in France, he worked in the field of medical applications for breast cancer therapy at the IPHC and the Hospitals of Strasbourg in 2008 before moving to the Institute of Research and Nuclear Safety in Paris until 2011. He mainly works in the field of radiation physics and particle's interactions with biological molecules. He is a member of the Geant4 collaboration and a developer within the low energy electromagnetic working group. He works on the Geant4-DNA project, physics processes development, cross section calculations and radiation damage assessment using data mining algorithms to study DNA radio-induced damages.