

Major Unit: code UE HAE928E

CERN / Simulation tools for Radiation-Matter Interaction and radiation effects on materials, components and systems

Learning Outcomes:

- This course is given by international experts from CERN, universities, agencies and industries and will focus on Radiation-Matter Interaction and radiation effects on material, components and systems through use of Multiphysics simulation tools. The course will be given at CERN during one week, offering the students the opportunity to visit its unique facilities and discuss with its international experts in their research domain

Description :

- Students will learn how to use softwares such as Fluka or Geant4 based on concrete cases related to the great accelerator problematic.

