Session Program

24–26 Apr 2019

ENSAR2 workshop: GEANT4 in nuclear physics

Medical applications

Other Institutes
CIEMAT Main auditorium - building 1 Avda. Complutense 40 28040 Madrid Spain

Wednesday 24 April

16:20

Medical applications: Medical applications I
Session |
Location: Other Institutes, CIEMAT Main auditorium - building 1 Avda. Complutense 40 28040 Madrid Spain |
Convener: Pedro Arce

16:20–16:40
G4_Med, a Geant4 benchmarking tool for medical physics applications

Speaker
Miguel Antonio Cortes Giraldo

16:40–17:00
A hybrid method calculating linear energy transfer for intensity modulated proton therapy

Speaker
Xiaoning Ding

17:00–17:20
Geant4 simulation of the ELIMED/ELIMAIA beamline, an open Users beamline for irradiation with laser-driven ion beams

Speaker
Pablo Cirrone

17:20–17:40
Covering the upper clinical energy range of Geant4-DNA for proton transport in liquid water

Speaker
Antonio Damián Domínguez Muñoz

17:40