Session Program

24–26 Apr 2019

ENSAR2 workshop: GEANT4 in nuclear physics

Detector simulation

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

Wednesday 24 April

14:00

Detector simulation: Detector simulation I
Session |
Location: Other Institutes, CIEMAT Main auditorium - building 1 Avda. Complutense 40 28040 Madrid Spain |
Convener: Alberto Ribon

14:00–14:30 **Geant4 Electromagnetic Physics**

Speaker
Prof. Vladimir Ivantchenko

14:30–14:50

The use of Geant4 simulations for training the artificial neural network used for the NeuLAND data analysis

Speaker
Dr Christiaan Douma

14:50–15:10 **A Monte Carlo based method for fine calibration of Si Telescopes.**

Speaker
Sergey Belogurov

15:10–15:30 **Crystalline effects for electromagnetic processes in Geant4**

Speaker
Viktar Haurylavets

15:30–15:50

Characterization of CsI(Tl) and LYSO(Ce) detectors scintillators and validation with MCNPX and GEANT4 codes.

Speakers
Dr Issam MOUHTI, Prof. Abdellatif ELANQUE

15:50