

## 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