

Session Program

24-26 Apr 2019



GOBIERNO
DE ESPAÑA

MINISTERIO
DE CIENCIA, INNOVACIÓN
Y UNIVERSIDADES

Ciemat
Centro de Investigaciones
Energéticas, Medioambientales
y Tecnológicas

ENSAR2 workshop: GEANT4 in nuclear physics

Other applications

Other Institutes

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

Thursday 25 April

16:40

Other applications: Other applications

Session |**Location:** Other Institutes, CIEMAT Main auditorium - building 1 Avda. Complutense 40 28040 Madrid Spain |**Convener:** Dennis Herbert Wright

16:40–17:00

Extensive atmospheric cosmic-ray-shower simulations in the South Atlantic Magnetic Anomaly for aeronautical applications

Speakers

Maurício Pazianotto, Miguel Antonio Cortes Giraldo

17:00–17:20

Geant4 simulations of the n_TOF lead spallation target: a benchmark study

Speaker

Jorge Lerendegui Marco

17:20–17:40

Reflection of low-energy neutrons in nanodiamonds using Geant4

Speaker

Mostafa Jamalipour

17:40–18:00

Simulation of environmental radioactivity

Speaker

Mrs Elisabet Galiana

18:00–18:20

Simulation of ion backscattering from rough thin films

Speaker

Hossein Rafikheiri

18:20