

## Session Program

24-26 Apr 2019



# 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