

## Ανακοίνωση της διεθνούς συνάντησης εργασίας 14th Geant4 Space Users Workshop (G4SUW)

The 14th Geant4 Space Users Workshop (G4SUW) will be held on October 21-23, 2019, at the Sikyon Coast Hotel and Resort, in Xylokaastro (Korinthia), 150 km from Athens International Airport.

G4SUW is focused on new results on space radiation interaction with components, sensors and shielding analysis, as well as on Geant4-based tools and developments applicable to space missions. The particular topics of interest for this workshop include:

Effects on space electronics and science instruments

Shielding simulations and optimisation

Software interfacing Geant4 with space environment and/or effects tools (e.g. SPENVIS, FASTRAD)

Microelectronics micro- & nanodosimetry

Single Event Effects (SEE) simulation

Geant4-TCAD coupling

Simulation of astronaut radiation hazards, including biological micro- & nanodosimetry

Planetary exploration applications

Magnetospheric and atmospheric propagation of galactic cosmic radiation and solar energetic particles

Geant4 toolkit improvements of significant benefit to space applications (e.g. in physics models, simulation speed, geometry treatment)

Registration and abstract submission are open and the relevant links, as well as practical information on the workshop location and accommodation, can be found on the workshop WebPage:

<https://indico.esa.int/event/304/>

Please note that the hotel rooms at the workshop venue are blocked up to September 15th and will be released afterwards.

Ioannis A. Daglis, National and Kapodistrian University of Athens  
On behalf of the Organizing Committee