



# 13th Geant4 Space Users Workshop

## Wednesday, 28 November 2018

### Space missions - instruments and detectors (11:15 - 12:30)

-Conveners: Ana Firan

time	[id] title	presenter
11:15	[26] Remote sensing of hydrogen near the lunar surface via its effect on cosmic-ray secondary particles	LOOPER, Mark
11:40	[27] Alternatives to a forward Monte Carlo simulation: adjoint and improved sector-shielding techniques in Geant4	LOOPER, Mark
12:05	[13] Using Geant4 to interpret data from MAVEN's Solar Energetic Particle (SEP) detector.	DUNN, Patrick

### Space missions - instruments and detectors (13:45 - 15:00)

-Conveners: Masanobu Ozaki

time	[id] title	presenter
13:45	[11] The Dynamic Albedo of Neutrons Experiment on MSL: Geant4 Modeling Results	MARTIN, Audrey
14:10	[4] Test mass charging in the gravitational wave observatory, LISA: confronting simulations with observations	WASS, Peter
14:35	[10] Using Geant4 in Space Elevator Research	WRIGHT, Dennis

# Friday, 30 November 2018

## Space missions - instruments and detectors (11:15 - 12:30)

-Conveners: Makoto ASAI

time	[id] title	presenter
11:15	[32] Uses of GEANT4 within the Space Radiation Analysis Group (SRAG)	Dr RIOS, Ryan
11:40	[30] Hitomi-related Geant4 activities	OZAKI, Masanobu FIORETTI, Valentina
12:20	[1] Workshop closing	ASAI, Makoto