

**Session Program**

**26-30 Nov 2018**



**DISCRETE 2018**

***Multimessenger probes of the universe***

# Monday 26 November

16:50

## Multimessenger probes of the universe

**Session** |  
**Location:** Johannessaal, Austrian Academy of Sciences, Dr.-Ignaz-Seipel-Platz 2, 1010 Vienna, AUSTRIA |  
**Convener:** Nikos Mavromatos

16:50–17:15    **Ultra High Energy Cosmic Rays and the Highest Energies Universe**

**Speaker**  
Roberto Aloisio

17:15–17:40

**Bounding CPT and Lorentz symmetry violations through ultra-high-energy cosmic rays**

**Speaker**  
Robertus Potting

17:40–18:05

**Anti-Neutrino Glashow resonance rate testing matter antimatter symmetry**

**Speaker**  
Prof. Daniele Fargion

18:05

## Wednesday 28 November

16:30

### Multimessenger probes of the universe

**Session** |**Location:** Sitzungssaal, Austrian Academy of Sciences, Dr.-Ignaz-Seipel-Platz 2, 1010 Vienna, AUSTRIA |**Convener:** Robertus Potting

16:30–16:55

#### Lorentz invariance violation from gamma-ray bursts

**Speaker**

Prof. Bo-Qiang Ma

16:55–17:20

#### Searching for Lorentz violation with astrophysical sources : review, problems, and prospects

**Speaker**

Julien Bolmont

17:20–17:45

#### Multimessenger Astronomy and New Neutrino Physics

**Speaker**

Kevin Kelly

17:45