

**Session Program**

24-25 Jun 2017

**Gordon Research Seminar in Particle Physics:  
Pushing the Frontiers of Particle Physics  
During the LHC Run II Era**

***The "cosmic frontier" and the search for New  
Physics in outer space***

Hong Kong University of Science and Technology (HKUST)

# Sunday 25 June

13:30

## The "cosmic frontier" and the search for New Physics in outer space: The "cosmic frontier" and the search for New Physics in outer space

Session | Location: Hong Kong University of Science and Technology (HKUST) | Convener: Yi Wang

13:30-13:45

### Distinguishing between warm dark matter and late kinetic decoupling using CMB spectral distortions

Speaker

James Diacoumis

13:45-14:00

### Light Dark Matter in the SHiP experiment

Speaker

Inar Timiryasov

14:00-14:15

### The cosmic lepton asymmetry and neutrino flavor transformation

Speaker

Lucas Johns

14:15-14:30

### Stochastic gravitational wave background from binary primordial black hole mergers

Speaker

Sai Wang

14:30