

Session Program

28 November 2016 to 2 December 2016

CosPA 2016

Gravity and gravitational waves

Monday 28 November

14:00

Gravity and gravitational waves

Session | **Location:** SNH, 3003 | **Convener:** Rohana Wijewardhana

14:00–14:20 **Tensor perturbations in spatially covariant gravity**

Speaker

Jun'ichi Yokoyama

14:20–14:40 **Exploring a stochastic background of gravitational waves**

Speaker

Letizia Sammut

14:40–15:00 **Constraining non-commutative space-time from GW150914**

Speaker

Cyril Lager

15:00–15:20 **Entropy of Horava-Lifshitz Blackholes**

Speaker

Dr shabana nisar

15:20–15:40 **The quantum thermodynamic universe - an emergent perspective**

Speaker

Eric Howard

15:40

Thursday 1 December

14:00

Gravity and gravitational waves

Session | **Location:** SNH, 3001 | **Convener:** Shinji Tsujikawa

14:00–14:20

Gravitation, Causality, and Quantum Consistency

Speaker

Prof. Mark Hertzberg

14:20–14:40

Black Hole Thermodynamics, Expanding Universe and Dark Energy

Speaker

Prof. Sang Pyo Kim

14:40–15:00

Relation between gauge fixing and DOFs in scalar-tensor theories

Speaker

Kazufumi Takahashi

15:00–15:20

Dynamical brane backgrounds

Speaker

Kunihito Uzawa

15:20–15:40

Special relativistic hydrodynamics with gravitation

Speaker

Jai-chan Hwang

15:40