

Session Program

25-30 Jun 2017

**Pushing the Frontiers of Particle Physics
During the LHC Run II Era**

Gravitational Waves and Particle Physics

The Hong Kong University of Science and Technology
Hong Kong, China

Thursday 29 June

16:00

Gravitational Waves and Particle Physics

Session | **Location:** The Hong Kong University of Science and Technology, Hong Kong, China

16:00–16:25

Lite (Light) Satellite for the Studies of B-Mode Polarization and Inflation from Cosmic Background Radiation Detection, LiteBIRD

Speaker

Tomotake Matsumura

16:30–16:55

LIGO and Primordial Black Holes

Speaker

Teruaki Suyama

17:00–17:25

Did LIGO Detect Dark Matter?

Speaker

Simeon Bird

17:30–17:40

Primordial Black Holes in Inflationary Cosmology

Speaker

Keisuke Inomata

17:45–17:55

The Implication of the PBH and UCMHs on Setting a Measurement Limit on the Primordial Power Spectrum

Speaker

Razieh Emami Meibody

18:00