

**Session Program**

**30 June 2019 to 4 July 2019**

**New Tools for the Next Generation of Particle  
Physics and Cosmology**

***Gravitational Waves and Other Cosmological  
Probes***

Institute for Advanced Study, HK University of Science and Technology

# Sunday 30 June

19:40

## Gravitational Waves and Other Cosmological Probes

**Session** | **Location:** Institute for Advanced Study, HK University of Science and Technology | **Conveners:** Tjonnie G.F. Li, Henry Tye

19:40–20:15

### Studying Fundamental Physics from Early-Universe Cosmology

**Speaker**

Jinn-Ouk Gong

20:15–20:50

### Studying Fundamental Physics Using Current and Future Gravitational-Wave Detectors

**Speaker**

Martin Hendry

20:50–21:25

### Future Gravitational Wave Detectors

**Speaker**

Yue-Liang Wu

21:30