

Session Program

30 June 2019 to 4 July 2019

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

HEP Colliders: The Physics Potential

Institute for Advanced Study, HK University of Science and Technology

Wednesday 3 July

09:00

HEP Colliders: The Physics Potential

Session | **Location:** Institute for Advanced Study, HK University of Science and Technology | **Conveners:** Rohini Godbole, Shoji Asai

09:00–09:35

The Physics Potential of the HL-LHC Programme

Speaker

Song-Ming Wang

09:35–10:10

The Physics Landscape After the LHC and Open Issues

Speaker

Matthew Reece

10:10–10:40

Coffee break

10:40–11:15

The Role of Precision at the High-Energy Frontier

Speaker

Eric Laenen

11:15–11:50

The Physics Potential of Future HEP Colliders

Speaker

LianTao Wang

11:50–12:25

Detectors for Future Colliders

Speaker

Joao Barreiro Guimaraes Da Costa

12:30