

Session Program

24-29 Apr 2025

Effective Field Theories, Gravity and Cosmology

Cosmology

国科大杭州高等研究院 Hangzhou Institute for Advanced Study (UCAS), Building 3, 2A-223

Friday 25 April

09:00

Cosmology

Session | **Location:** 国科大杭州高等研究院 Hangzhou Institute for Advanced Study (UCAS), Building 3, 2A-223 |
Convener: Prof. Hong-Wei Yu

09:00–09:30

Cosmological collider from particle physics viewpoint

Speaker

Prof. Masahide Yamaguchi

Location

09:30–10:00

Progress of higher derivative scalar-tensor theory: parity violation and multi-scalar extensions

Speaker

Prof. Xian Gao

Location

10:00

11:00

Cosmology

Session | **Location:** 国科大杭州高等研究院 Hangzhou Institute for Advanced Study (UCAS), Building 3, 2A-223 |
Convener: Prof. Kohei Kamada

11:00–11:30

Primordial Black Hole and non-Gaussianity

Speaker

Prof. Shi Pi

Location

11:30–12:00

Thermal production of gravitational waves in the early universe

Speaker

Xun-Jie XU

Location

12:00