



# Beyond General Relativity, Beyond Cosmological Standard Model

## Thursday 4 July 2019

### Beyond IV (08:45 - 19:45)

-Conveners: Yifu Cai (afternoon); Misao Sasaki (morning)

time	[id] title	presenter
08:45	[69] Reverse Engineering the Universe	LINDE, Andrei
10:00	[34] Probing the Inflationary Field Content with Primordial Gravitational Waves and more.	FASIELLO, Matteo
10:20	coffee break	
10:50	[70] The Search for Inflationary B-modes with the BICEP/Keck Telescopes	Prof. PRYKE , Clem
11:35	[71] Testing primordial Non-Gaussianity: perspectives beyond Planck	Prof. LIGUORI, Michele
12:20	[28] Shift-symmetric orbital inflation: single field or multi-field?	Mr WANG, Dong-Gang
12:40	lunch break	
14:00	[77] Updates on the Cosmological Collider Physics	Prof. WANG, Yi
14:45	[78] Primordial Standard Clocks as Direct Probes of the Scenario of the Primordial Universe	Prof. CHEN, Xingang
15:30	[29] Stability of de Sitter spacetime against the backreaction of the infrared modes of scalar fields	MOREAU, Gabriel
15:50	coffee break	
16:20	[65] Monodromy inflation and an emergent mechanism for stabilising the cosmological constant	Prof. PADILLA, Tony
17:05	[116] Primordial-Black-Holes-as-CDM Scenario and Gravitational Waves	SASAKI, Misao
17:25	[15] Cosmic Inflation and Dark Energy from the Electroweak Phase Transition	Dr DIMOPOULOS, Konstantinos
17:45	[105] Complementary probes of cosmic inflation	MIFSUD, Jurgen
18:05	[26] Constant roll warm inflation	Dr ARTYMOWSKI, Michal