

Chongqing University and IBS CTPU-CGA Joint Workshop on the Frontiers of Theoretical Cosmology

Friday 22 May 2026

Day 3: Cosmological reconstruction and early-universe gravitational waves - 1F-9 (10:00-12:00)

-Conveners: Dong-Gang Wang

time	[id] title	presenter
10:00	[51] Learning Gravity from Data: Model-Independent Reconstruction of the Cosmic Expansion and Modified Gravity Theories	Dr Konstantinos Dialektopoulos
10:40	[67] Unified Origin of Primordial Black Hole Dark Matter and Nanohertz Gravitational Waves	Prof. Shi Pi
11:20	[78] FoPTs, PBHs, SIGWs, and SWs from early Universe	Prof. Shao-Jiang Wang

Day 3: Black-Hole Hair, Superradiance, and Ringdown - 1F-9 (13:30-15:30)

-Conveners: Shi Pi

time	[id] title	presenter
13:30	[55] On cosmological properties of black-hole hair in linearly coupled scalar Gauss Bonnet theory	Dr Dražen Glavan
14:10	[79] The Nonlinear Tails of Black Hole Ringdown	Prof. Sam Wong
14:50	[85] Quantum Treatment of Black Hole Superradiance	Dr Huiyu Zhu

Day 3: Closing Perspective on Gravity and Cosmology - 1F-9 (16:00-17:00)

time	[id] title	presenter
16:00	[71] Gravity and Cosmology -my personal recollections and perspectives-	Prof. Misao Sasaki