

IBS CTPU-CGA 2025 Summer School and Workshop for High Energy Physics and Cosmology in Korea

Tuesday, 29 July 2025

35+75: chaired by Mohammad Ali Gorji (14:30 - 16:20)

time	[id] title	presenter
14:30	[5] Emergent Spacetime from Large N Model	YOON, Junggi
15:05	[13] Krylov Complexity in Quantum Field Theories and Cosmology	MALVIMAT, Vinay
15:30	[14] Inferring properties of dark energy from the large scale structure of the universe	CARR, Anthony Scott
15:55	[15] Holographic Entanglement Entropy in the FLRW Universe	SANO, Fumiya

Thursday, 31 July 2025

35+75: chaired by Hyun Seok Yang (14:30 - 16:20)

time	[id] title	presenter
14:30	[2] Cosmic Mystery of Supermassive Black Holes: Perspectives in the Era of High-resolution Simulations	KIM, Ji-Hoon
15:05	[24] Decay and lifetime of oscillons coupled to an external scalar field: Insights from instability band analysis	LI, Siyao
15:30	[25] Detecting the ISW effect using CMB-CIB cross-correlation	KIM, Dongkok
15:55	[26] Cosmological Aspects of Stochastic Inflation	KURODA, Tomotaka