

The 3rd International Workshop on Gravitational Waves and the Early Universe (GWEU25)

Tuesday 02 September 2025

Contributed Talks: (A) Inflation and perturbation theory - Tianyi Auditorium 天一厅 (16:50-18:20)

-Conveners: Sebastien Renaux-Petel

time	[id] title	presenter
16:50	[31] δn formalism	Diego Cruces
17:05	[32] A Match Made in Heaven: Linking Observables in Inflationary Cosmology	Yuhang Zhu
17:20	[35] Measuring the cosmic dipole with golden dark sirens	Anson Chen
17:35	[4] Bimodal distributions in the stochastic- δN formalism in a curvaton	Tomotaka Kuroda
17:50	[33] Symmetry-protected conservation of superhorizon inflationary perturbations at all loops	ChengJun Fang
18:05	[34] Constraining reheating temperature with ACT DR6	Zi-Han Li

Wednesday 03 September 2025

Contributed Talks: Primordial Black Hole and Gravitational Wave - Tianyi Auditorium 天一厅 (16:50-18:20)

-Conveners: Cristiano Germani

time	[id] title	presenter
16:50	[36] Narrow-band parametrization for the stochastic gravitational wave background	Dongdong Zhang
17:05	[3] Primordial Black Hole: Future Perspective in Gravitational Wave Astronomy	Qianhang Ding
17:20	[37] Primordial black holes and gravitational waves signatures in the presence of non-Gaussianities	Cristian Joana
17:35	[5] Gravitational waves in gravitational parity-violating theory	Zhao Li
17:50	[38] When Tiny Halos Stir Spacetime: Gravitational Waves from the Fifth Force	Xinpeng Wang
18:05	[39] Strong backreaction of gauge quanta produced during inflation and the sourced GWs	Jian-Feng He