

The International Conference on Fundamental Physics from Quanta to Cosmos (ICFP 2026)

Saturday 24 October 2026

Gravity and Cosmology (Room C) (14:00-15:00)

time	[id] title	presenter
14:00	[38] Cosmological Stasis and Its Phenomenological Implications	Prof. Fei Huang
14:20	[24] Local Cosmography from Causal Set Pixies	He Liu
14:40	[34] Relational Scales and Hamiltonian Renormalization in Quantum Gravity	Hongguang Liu

Gravity and Cosmology (Room C) (15:30-16:30)

time	[id] title	presenter
15:30	[30] Shadow of rotating black hole surrounded by dark matter	Haiyuan Feng
15:50	[21] How to bootstrap a Dark Photon	Álvaro Diaz Carmona
16:10	[3] Nonlinear gauge maps and the structure of Goldstone loops in canonical inflation	Dr ChengJun Fang

Sunday 25 October 2026

Gravity and Cosmology (Room C) (14:00-15:00)

time	[id] title	presenter
14:00	[32] Geodesic Focusing Conditions in $f(Q)$ Gravity	Mr Chunhui Liu
14:20	[26] Nash Equilibrium from Quantum-Field Entanglement	Prof. Hao Xu
14:40	[29] Quantum geometry effects in quantum field theory: Hamiltonian constraint generates gravity-matter entanglement in spherically symmetric loop quantum gravity	Prof. Gaoping Long

Gravity and Cosmology (Room C) (15:30-16:10)

time	[id] title	presenter
15:30	[12] SN1987A constraints on the neutrino-dark-fermion interaction from resonant scattering with $C\nu B$	Rui Zou
15:50	[69] Astrophysical Graviton Squeezing Can Be Hidden in the Far Field	Zi-Zheng Zhou