

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

Saturday 24 October 2026

Gravitational Wave Physics (Room A) (14:00-15:00)

time	[id] title	presenter
14:00	[68] Little Red Dots: The Wandering Black Holes	Prof. Yu Wang
14:20	[1] The Generation and Detection of Chiral Gravitational Wave Backgrounds	Yun-Long Zhang
14:40	[37] Silk damping in induced gravitational waves: a novel probe of new physics	Dr Yu Yan-Heng

Gravitational Wave Physics (Room A) (15:30-16:30)

time	[id] title	presenter
15:30	[25] Probing Memory-Burdened Primordial Black Holes with Multi-Messenger Observations	Xiu-hui Tan
15:50	[36] Probing Inflationary Origins of Primordial Black Holes with LIGO-Virgo-KAGRA O1-O4a data	迈乔
16:10	[35] Searches and Latest Results for the Isotropic Gravitational-Wave Backgrounds with LIGO-Virgo-KAGRA detectors	Ruhan Rao

Sunday 25 October 2026

Gravitational Wave Physics (Room A) (14:00-15:00)

time	[id] title	presenter
14:00	[40] Evo-MCTS: Gravitational-Wave Algorithm Search and Lessons for AI-Assisted Physics	He Wang
14:20	[31] Multi-Band Constraints on Cosmic Strings: Unifying Harmonic and Burst Spectra	Hansong Zhang
14:40	[13] Probing gravitational waves with the orbital angular momentum of light	Mr Haorong Wu

Gravitational Wave Physics (Room A) (15:30-16:10)

time	[id] title	presenter
15:30	[14] A continuous wave window into neutron star structure	Ayush Hazarika
15:50	[39] Methods for Detecting Gravitational Waves from mini-Extreme-Mass-Ratio Inspirals: A Spectral-Leakage-Aware Framework	Zixuan Wang