

彭桓武理论物理创新研究中心 “2025引力波物理研讨会”

Monday 13 October 2025

Plenary (09:00-10:00)

-Conveners: You-Jun Lu		
time	[id] title	presenter
09:00	[50] Testing the General Theory of the Standard Model: A Unified Framework for Particle Physics and Cosmology	Yue-Liang Wu

Plenary (10:30-11:30)

-Conveners: You-Jun Lu		
time	[id] title	presenter
10:30	[51] Seeking the Origins of Supermassive Black Holes with Gravitational Waves	John Ellis

Plenary (14:00-15:00)

-Conveners: Mairi Sakellariadou		
time	[id] title	presenter
14:00	[28] Gravitational Wave Standard Sirens and Cosmological Applications	Wen Zhao

Tuesday 14 October 2025

Plenary (09:00-10:00)

-Conveners: Wenbiao Han		
time	[id] title	presenter
09:00	[56] Evolution of Supermassive Binary Black Holes and their Gravitational-Wave Radiation	Qing-Juan Yu

Plenary (10:30-11:30)

-Conveners: Wenbiao Han		
time	[id] title	presenter
10:30	[52] Formation of Merging Compact Binaries	Dong Lai

Plenary (14:00-15:00)

-Conveners: Yu-Feng Zhou		
time	[id] title	presenter
14:00	[18] Data analysis for EMRIs	Dr Wenbiao Han

Wednesday 15 October 2025

Plenary (09:00-10:00)

-Conveners: Yungui Gong			
time	[id] title	presenter	
09:00	[27] Satellite black holes around the central supermassive black holes in AGNs	Jianmin Wang	

Plenary (10:30-11:30)

-Conveners: Yungui Gong			
time	[id] title	presenter	
10:30	[26] Polarization Modes of Gravitational Waves	Yuxiao Liu	

Thursday 16 October 2025

Plenary (09:00-10:00)

-Conveners: Jianmin Wang		
time	[id] title	presenter
09:00	[37] Probing fundamental physics with extreme mass ratio inspirals	Prof. Yungui Gong

Plenary (10:30-11:30)

-Conveners: Jianmin Wang		
time	[id] title	presenter
10:30	[12] Machine Learning Techniques for Gravitational Wave data analysis	Zhoujian Cao

Friday 17 October 2025

Plenary (09:00-10:00)

-Conveners: Shi Pi		
time	[id] title	presenter
09:00	[25] Decihertz gravitational-wave detection and electromagnetic warnings	Lijing Shao

Plenary (10:30-11:30)

-Conveners: Shi Pi		
time	[id] title	presenter
10:30	[36] Extreme mass-ratio inspirals: population and environments	Huan Yang

Saturday 18 October 2025

Plenary (09:00-10:00)

-Conveners: Huaike Guo		
time	[id] title	presenter
09:00	[57] Gravitational Waves: the Theorist’ s Swiss Knife	Mairi Sakellariadou

Plenary (10:30-11:30)

-Conveners: Huaike Guo		
time	[id] title	presenter
10:30	[49] Primordial Gravitational Waves: The Collider - Theory Interface	Prof. Michael Ramsey-Musolf

Sunday 19 October 2025

Plenary (09:00-10:00)

-Conveners: Jun Zhang		
time	[id] title	presenter
09:00	[53] Gravitational Lensing of Gravitational Waves and its Applications	You-Jun Lu