

Holographic applications: from Quantum Realms to the Big Bang

Monday, 14 July 2025

Pleneray Talk (10:10 - 12:00)

time	[id]	title	presenter
10:10	[46]	Quantum-Gravity-Corrected Wilson Loop Correlators and Super-Yang-Mills Theory at Infrared	NIAN, Jun
10:45	[47]	Quantum critical phenomenon by holography	LING, Yi
11:20	[48]	Composite vortex in holographic binary superfluids	AN, Yu-Ping
11:40	[49]	Vortex shedding patterns in holographic	YANG, Peng

Pleneray Talk (15:40 - 16:50)

time	[id]	title	presenter
15:40	[52]	Precision tests of string theory	PANG, Yi
16:15	[53]	The spectral duality relation (online)	GROZDANOV, Saso

Tuesday, 15 July 2025

Pleneray Talk (10:10 - 12:00)

time	[id]	title	presenter
10:10	[59]	Mass and Isospin Breaking Effects in Holographic QCD	GUDNASON, Sven Bjarke
10:45	[60]	ER=EPR and Strange Metal from the quantum Entanglement	SIN, Sang-Jin
11:20	[61]	Unique SYK-rised models of Strange Metals	WANG, Yili
11:40	[62]	\mathbb{A}^4 Loops in AdS3/CFT2	肖, 炜辰

Wednesday, 16 July 2025

Plenary Talk (10:10 - 12:00)

time	[id]	title	presenter
10:10	[72]	Pole dynamics in holographic thermal correlators	REN, Jie
10:45	[73]	Holographic entanglement entropy inequalities in multipartite systems	YANG, Yi
11:20	[74]	Chiral phase transition from effective field theory and holography	YANG, Zexin
11:40	[75]	Magnetic field-driven quantum criticality at strong coupling	ZHAO, Jun-Kun

Thursday, 17 July 2025

Pleneray Talk (10:10 - 12:00)

time	[id] title	presenter
10:10	[78] A surface growth approach for bulk reconstruction and TTbar deformation	SUN, Jia-Rui
10:45	[79] Symmetry-Resolved Entanglement in AdS & BCFT	MEYER, Rene
11:20	[80] Softening holographic nuclear matter with multi-jump solutions	PAPADOPOULOS, Orestis
11:40	[81] Bulk Spacetime Encoding via Boundary Ambiguities	LU, Zhenkang

Pleneray Talk (18:00 - 18:40)

time	[id] title	presenter
18:00	[87] Celestial holography of massive amplitudes in 4d and 2d	FAN, Wei
18:20	[88] Holographic Weyl Anomaly in 8d from General Higher Curvature Gravity	CHEN, Feiyu

Friday, 18 July 2025

Pleneray Talk (10:10 - 12:00)

time	[id]	title	presenter
10:10	[91]	Developments on the holographic superconductor and superfluids	PAN, Qiyuan
10:45	[92]	Applications of numerical relativity in holography	TIAN, Yu
11:20	[93]	The influence of Wilson lines on heavy quark anti-quark potential and mass	FUJITA, MITSUTOSHI
11:40	[94]	Bayesian Inference of the Critical Endpoint in 2+1-Flavor System from Holographic QCD	ZHU, Liqiang

Pleneray Talk (15:40 - 17:25)

time	[id]	title	presenter
15:40	[97]	vortex dynamics on the sphere	ZHANG, Hongbao
16:15	[98]	Holographic Kibble-Zurek Mechanism with Discrete Symmetry	ZHANG, Haiqing
16:50	[99]	Universal Time Evolution of Holographic Complexity	RUAN, Shan-Ming