

The 6th BRICS-AGAC Symposium 2026, Hangzhou, China

Saturday 07 November 2026

Parallel-Gravity: Parallel-Gravitation (14:00-18:00)

time	[id] title	presenter
14:00	[78] Quantum geometry effects in quantum field theory: Hamiltonian constraint generates gravity-matter entanglement in spherically symmetric loop quantum gravity	Gaoping Long
14:30	[58] Static Vacuum Geometry Determines Gravitational Collapse and Cosmology	cong zhang
15:00	[36] Quantum Damping of Cosmological Shear: A New Prediction from Loop Quantum Cosmologies	Wencong Gan
15:30	[66] A loop quantum gravity inspired effective action in spherically symmetric background and its applications	Dr hongwei Tan
16:00	Break	
16:30	[117] Regular ultracompact objects as polymerized vacuum solutions	Dr Ioannis Soranidis
17:00	[42] Scalarization of Bardeen spacetime	Long-Xing Huang
17:30	[35] The complex conformal Kähler structure of type-D spacetimes	Mr Haoran Xu

Sunday 08 November 2026

Parallel-Gravity: Parallel-Gravitation (14:00-18:00)

time	[id] title	presenter
14:00	[80] Learning quark-gluon plasma properties holographically with neural ODEs	Prof. Song He
14:30	[54] Timelike Entanglement First Law and Linearized Field Equations in Higher Curvature Gravity	Prof. Jia-Rui Sun
15:00	[46] Nash Equilibrium from Quantum-Field Entanglement	Prof. Hao Xu
15:30	[99] Semileptonic $B \rightarrow D$ and $B_s \rightarrow D_s$ decays in the AdS/QCD Softwall model	Prof. Miguel Angel Martin Contreras
16:00	Break	
16:30	[72] Diagonally gauged anomaly-free 6D supergravities and their vacua	Yi Pang
17:00	[40] Can higher derivatives resolve the black-hole singularity?	Breno Loureiro Giacchini
17:30	[57] Quantum Gravity Corrections: From Background Dynamics to Cosmological Perturbations	Hongguang Liu

Monday 09 November 2026

Parallel-Gravity: Parallel-Gravitation (08:00-12:00)

time	[id] title	presenter
08:30	[5] Bianchi IX dynamics with a phantom field - a new type of BKL oscillations	Dr Alexey Toporensky
09:00	[104] Quasinormal Modes Decode Kasner Scaling inside Black Holes	Zi-Qing Xiao
09:30	[67] On the absence of inner horizons for anisotropic black holes	Mr Yuxuan Peng
10:00	Break	
10:30	[118] Characteristic initial value problem and formation of black hole	Prof. Xiaoning Wu
11:00	[71] Thermodynamics and chaotic orbits for semiclassical black hole with quantum anomaly correction	Yu-Sen An
11:30	[100] Thermodynamics of Kerr-Bertotti-Robinson black hole	Dr Li Hu