

The 16th Workshop on QCD Phase Transition and Relativistic Heavy-Ion Physics (QPT 2025)

Sunday, 26 October 2025

Parallel I: Phase Transition I - 秦宫 (Qin Palace) (08:45 - 10:05)

time	[id] title	presenter
08:45	[29] What neutron stars say about the properties of strong interaction	WOLF, György
09:05	[174] Phase transition and correlations in a system with T-gradients	JIANG, Lijia
09:25	[12] The application of machine learning in holographic QCD	陈, 勋
09:45	[177] QCD phase transition and the confining dynamics at finite density via functional approach	陆, 易

Parallel I: Phase Transition II - 秦宫 (Qin Palace) (11:00 - 12:20)

time	[id] title	presenter
11:00	[124] Moat regimes within a $2 + 1$ flavor Polyakov-quark-meson model	曹, 高清
11:20	[98] Functional renormalization group study of anomalous magnetic moment in a low energy effective theory	温, 睿
11:40	[155] Searching for the QCD Critical End Point through (Net-)Proton Fluctuation at RHIC	HUANG, Yige
12:00	[132] Final-State effects on higher-order fluctuations of the mean transverse momentum at the LHC	张, 潮

Parallel I: Jet I - 秦宫 (Qin Palace) (14:25 - 15:45)

time	[id] title	presenter
14:25	[106] Unveiling the jet angular broadening with photon-tagged jets in high-energy nuclear collisions	Dr WANG, Sa
14:45	[149] A Bayesian inference of chromomagneto fraction in the strong interaction medium	郭, 钰
15:05	[129] Multiplicity distributions in QCD jets and jet topics	Ms DUAN, Xiang-Pan
15:25	[93] Differentiating Energy-Energy Correlators with Charged Particle Multiplicities within a Jet	DUAN, Pi

Parallel I: Jet II - 秦宫 (Qin Palace) (16:15 - 17:55)

time	[id] title	presenter
16:15	[144] Three-dimensional coupling between jet and flow in heavy-ion collisions.	Dr LUO, Tan
16:35	[157] Multijet topology in high-energy nuclear collisions: Jet broadening	康, 锦文

16:55	[140] Energy loss of heavy flavor quarks in color string medium of p+p	PROKHOROVA, Daria
17:15	[83] Suppression of elliptic anisotropy inside jets: A new perspective for jet quenching	YANG, Mengquan Mr RU, Peng
17:35	[35] Bayesian inference of the magnetic field and chemical potential on holographic jet quenching in heavy-ion collisions	ZHU, Liqiang

Monday, 27 October 2025

Parallel I: Phase Transition III - 秦宫 (Qin Palace) (08:20 - 10:00)

time	[id] title	presenter
08:20	[9] Spin Alignment, Phase Transition and Transportation of QGP at Finite Temperature in the Presences of Magnetic and Vorticity Fields	冯, 笙琴
08:40	[86] Dynamical modeling the conserved baryon density with causality near the QCD critical point	WU, Shanjin
09:00	[64] Study of the Deconfinement Phase Transition under real rotation with Matrix model	DU, Qianqian
09:20	[72] Study of the Quark-Meson Model with Vector Mesons within Functional Renormalization Group	武, 警
09:40	[170] Neural network extraction of chromo-electric and chromo-magnetic gluon masses	MEI, Jie

Parallel I: Phase Transition IV - 秦宫 (Qin Palace) (10:30 - 12:10)

time	[id] title	presenter
10:30	[139] Status of CEE experiment	ZHANG, Yapeng
10:50	[55] Bubble nucleation and gravitational waves from cosmological chiral phase transitions in soft-wall AdS/QCD	CHEN, Yidian
11:10	[57] The CEP of QCD Matter Acts as a Thermalization Point	HUANG, anping
11:30	[120] Inverse magnetic catalysis and energy loss in a holographic QCD model	朱, 洲润
11:50	[122] Baryon electric charge correlation as a magnetometer of QCD	GU, Jin-Biao