

APCTP SEMINAR

Breaking of hydro near AdS₂ quantum critical points

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IFT

November 22th (Mon.) 17:00 (KST)

Online via ZOOM

Hydrodynamics provides a universal description of QFTs at long times and wavelengths but breaks down at scales depending on the microscopic details of the theory. What happens in the vicinity of a quantum critical point? Does the emergent scaling dynamics characterize the breaking of the hydrodynamic description? We will look at theories dual to black holes with AdS₂ horizons and show that indeed the local equilibration scales are set by the IR properties of the theory.

■ ZOOM Webinar

1) Please register through this ZOOM link

<https://us06web.zoom.us/meeting/register/tZMlf-iurz4oHNfOfmjM3y0On9VG7lx5Z1AI>

2) Join the webinar with a link generated after the registration

3) Please rename your profile - E.g. **Full name (affiliation)**

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