

Kenta Suzuki: Time-like Janus Solution - Holographic Global Quench and Thermalization

Monday, July 14, 2025 2:00 PM (30 minutes)

The usual space-like Janus solution is an AdS_d slicing of AdS_{d+1} with mediated by a massless dilaton field depending on the slicing coordinate. In this talk, we construct a time-like Janus solution, which is a dS_d slicing of AdS_{d+1} with mediated by a time-dependent massless dilaton field. Even though this solution breaks the null energy condition, we argue that the solution is nevertheless useful in the context of AdS/ICFT or AdS/BCFT to discuss holographic global quench and thermalization.