

JITCP Seminar

THE UNIVERSITY OF HONG KONG

HKU-UCAS JOINT INSTITUTE OF THEORETICAL AND COMPUTATIONAL PHYSICS

[Friday Afternoon, 4:00 pm, In Person]

Perturbative causal shadows in AdS/CFT

Dr. Huajia WANG

*Kavli Institute for Theoretical Sciences,
University of Chinese Academy of Sciences*

Bulk reconstruction is an important subject in AdS/CFT that aims to reveal the underlying mechanism of the duality. In the context of subregion duality, there is a notion called the causal shadow that emerges from the entanglement wedge reconstruction proposal. It encodes deep aspects of bulk reconstruction beyond causality. In this talk, I will introduce and explain the various aspects related to causal shadow, and analyze them in perturbation theory.

In Person Seminar

Friday, June 23, 2023, 4:00 pm

Room 522, 5/F, Chong Yuet Ming Physics Building,
The University of Hong Kong

Sponsored by HKU-UCAS Joint Institute of Theoretical and Computational Physics, The University of Hong Kong
Phone: 28592360, Fax: 25599152. Anyone interested is welcome to attend.