

# Bulk reconstruction and the fine structure of entanglement

*Saturday, 30 November 2024 16:40 (30)*

Bulk reconstruction in the AdS/CFT correspondence is aimed to construct the bulk gravity from the information of the boundary CFT. While the fine structure of entanglement are quantities which can unravel more refined information about the quantum entanglement. In this talk, we will introduce our recent works on these two topics and will show that the fine structure of entanglement, such as entanglement contour, Renyi contour and their holographic duals can provide important tools for bulk reconstruction in gauge/gravity duality.

**Presenter(s) :** SUN, Jia-Rui (Sun Yat-Sen University)

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