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Holographic Moving Mirror and Page Curve

Friday, 18 December 2020 17:20 (20 minutes)

In this talk, we discuss moving mirror setups in CFT and their gravity duals. We derive the page curve from gravity duals. An intriguing relation between moving mirror in CFT and Hawking radiation from a black hole will be discussed using double holography explored in our previous work 2007.06800. This work is based on the collaborations with Ibrahim Akal, Yuya Kusuki, Noburo Shiba and Tadashi Takayanagi. This talk is based on arXiv:2007.06800 and a work in preparation.

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Session Classification: Short talks