

Date: 2020.10.8. 9:00-10:00 (Beijing time).

Tencent meeting: 606 1859 8357

Zoom: 677 724 60541 (psw123456)

Speaker: Jian Ding (UPenn)

Title: Distances associated with Liouville quantum gravity

Abstract:

I will review some recent progresses on distances associated with Liouville quantum gravity, which is a random measure obtained from exponentiating a planar Gaussian free field.

The talk is based on works with Julien Dubédat, Alexander Dunlap, Hugo Falconet, Subhajit Goswami, Ewain Gwynne, Avelio Sepúlveda, Ofer Zeitouni and Fuxi Zhang in various combinations.