学术报告

Title: **Fractional Statistics and the Butterfly effect**

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Time: **3:30pm, Thursday, June 30, 2016**

Venue: **Conference Hall 322, Science Building, Tsinghua University**

Abstract

In the talk, I will explain a quantum definition of the butterfly effect and how it can be related to fractional statistics. This connection comes from the characterization of the butterfly effect by the out-of-time-order-correlator proposed recently. I will show that this correlator in (1+1)-d rational conformal field theories is intrinsically related it to the fractional statistics in (2+1)-d.

The talk is based on arXiv: 1602.06543.