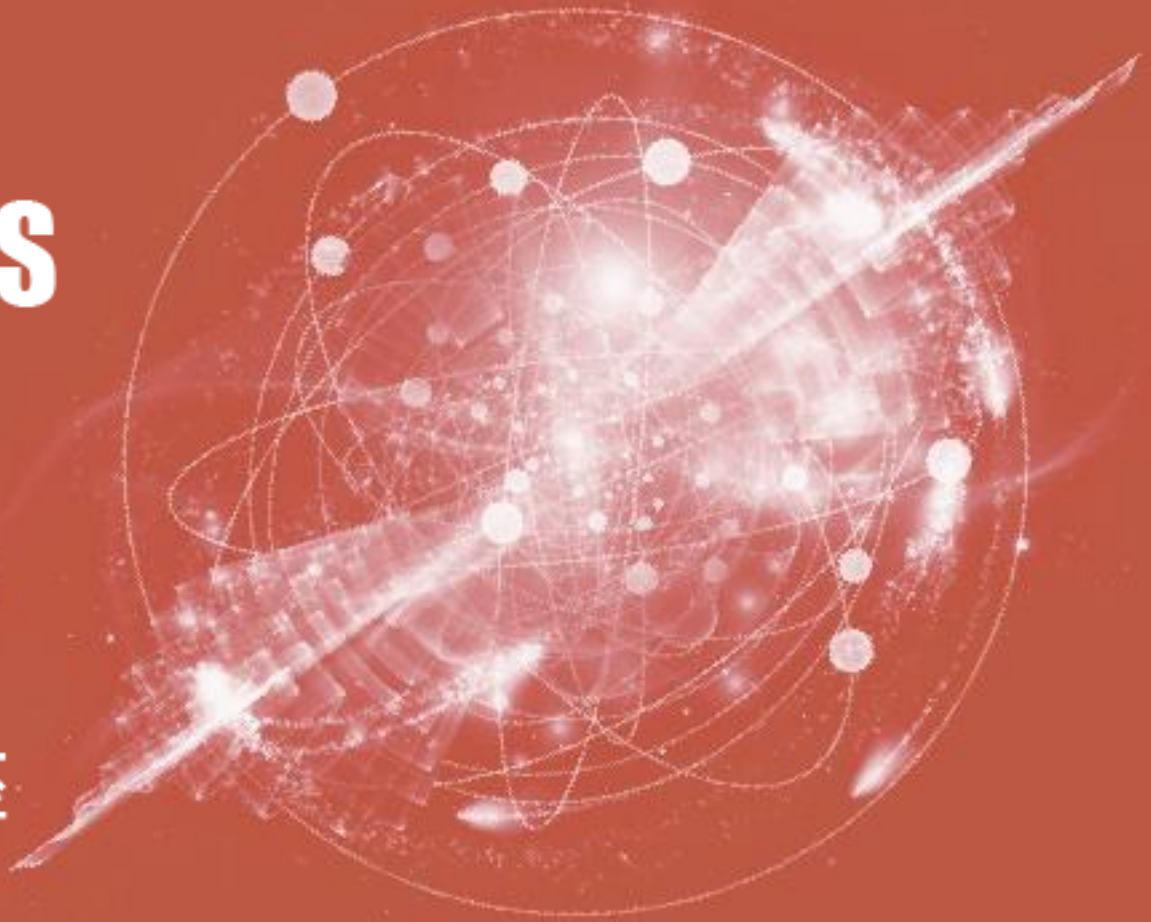


# LECTURES ON FRONTIERS OF QUANTUM MATTERS

量子物质前沿讲座



清华大学  
Tsinghua University

TITLE |

**Sachdev-Ye-Kitaev Model  
And Holographic Duality**

SPEAKER |

**Xiao-Liang Qi (Stanford University)**



TIME |

2:30-3:30 4:00-5:00 June 12, 2019



VENUE |

Room 104, Science Building  
Tsinghua University

ABSTRACT

In the first half of the talk I will give an overview of the SYK model and its relation to 2d gravity, which provides a simplest toy model of holographic duality.

In the second half I will talk about further generalization of this correspondence. More specifically, I will discuss a modified SYK model and its relation to a modified 2d gravity theory with traversable wormholes.

Reference:

<https://arxiv.org/abs/1804.00491>

主办方：清华大学高等研究院