



TATA INSTITUTE OF FUNDAMENTAL RESEARCH

## **ICTS Seminar**

Title : Bi-local Holography in the Sachdev-Ye-Kitaev Model

Speaker : Junggi Yoon, ICTS-TIFR, Bengaluru

Date : Thursday, October 6, 2016

Time : 3:00 pm

Venue : Nambu Discussion Room (Right), ICTS Campus, Bangalore

Abstract : In this talk, I will describe previous work on Sachdev-Ye-Kitaev(SYK)

model. I start from a brief introduction to collective field theory for vector

model. Then, we discuss a bi-local effective action of SYK model and its

spectrum in large N limit (and strong coupling limit).

Email: academicoffice@icts.res.in Website: www.icts.res.in