Theoretical Statistics and Mathematics Unit, Kolkata
INDIAN STATISTICAL INSTITUTE

SEMINAR

Date: March 27, 2025
Time: 04:15 PM

VENUE:

L - Infinity

(5th Floor, A.N. Kolmogorov Bhavan), ISI Kolkata

TITLE:

Large Deviation Principle for the Directed Landscape

SPEAKER:

Sayan Das

University of Chicago, USA

ABSTRACT:

The directed landscape is a random directed metric on the plane that arises as the scaling limit of classical metric models in the KPZ universality class. In this talk, I will discuss a functional large deviation principle for the entire random metric and mention certain interesting features of the underlying rate function. If time permits, I will also discuss some applications of our results. Based on a joint work with Duncan Dauvergne and Balint Virag.

ALL ARE CORDIALLY INVITED