



Theoretical Statistics and Mathematics Unit

Indian Statistical Institute

203 B.T. Road, Kolkata - 700108

SEMINAR

Date: September 15, 2026

Time: 4:15 pm

VENUE:

L-Infinity, 5th Floor, A.N. Kolmogorov Bhavan, ISI Kolkata

SPEAKER:

Mahan Mj

TIFR Mumbai

TITLE:

Exceptional directions in hyperbolic FPP

ABSTRACT:

First passage percolation (FPP) is a model of random geometry that has been studied for more than 60 years, but mostly against a Euclidean (flat) background. Its study against a (Gromov) hyperbolic background is of relatively recent vintage. I will report on joint work with Riddhipratim Basu. Following a standard motif in probability and random processes, we shall discuss typical behavior in the first part of the talk, and then elaborate on exceptional phenomena in the second part. Somewhat surprisingly, Cannon-Thurston maps make an essential appearance.

ALL ARE CORDIALLY INVITED

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