



INDIAN STATISTICAL INSTITUTE
Theoretical Statistics and Mathematics Unit
Kolkata 700108

SEMINAR

Date: **17th September 2025, Wednesday**
Time: **02:30 P.M**

Venue:

HGU SEMINAR ROOM
2nd Floor, A N Kolmogorov Bhavan,
Indian Statistical Institute, Kolkata 700108

TITLE

Random time-changed birth-death models

SPEAKER:

Pradeep Vishwakarma
Stat-Math Unit, ISI, Kolkata

ABSTRACT:

Time-changed (time-fractional) Markov processes exhibit global memory effects and provide advanced mathematical tools for modeling complex physical phenomena with temporal structures. In this talk, we will discuss certain semi-Markov processes obtained through random time changes, with a particular focus on Poisson and birth-death processes at random time.

ALL ARE CORDIALLY INVITED