



Theoretical Statistics and Mathematics Unit

Indian Statistical Institute

203 B.T. Road, Kolkata - 700108

SEMINAR

Date: July 30, 2026

Time: 04:15 PM

VENUE:

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

SPEAKER:

Pradeep Vishwakarma

Stat-Math Unit, ISI Kolkata

TITLE:

Random sums in non-commutative probability

ABSTRACT:

Random sums of independent random variables have been extensively studied in classical probability theory. In this talk, we shall discuss the random sums of self-adjoint variables from a non-commutative probability space, and establish several $$ -convergence results. Moreover, we shall derive a central limit theorem for the random sums of free, independent and half-independent self-adjoint variables with both deterministic and random scaling. (This talk is based on joint work with Prof. Arup Bose)*

ALL ARE CORDIALLY INVITED

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