



Theoretical Statistics and Mathematics Unit, Kolkata
INDIAN STATISTICAL INSTITUTE

SEMINAR

Date: June 12, 2025
Time: 11:30 AM

VENUE:

L- 1

(3rd Floor, A.N. Kolmogorov Bhavan), ISI Kolkata

TITLE:

Marcinkiewicz Interpolation Theorem and Application

SPEAKER:

Atanu Mondal

Stat-Math Unit, ISI Kolkata

ABSTRACT:

In this talk we will present the proof of the Marcinkiewicz Interpolation Theorem. It is a cornerstone result in Harmonic Analysis. It provides a powerful method for establishing the boundedness of a sublinear operator between L^p spaces. Marcinkiewicz Interpolation Theorem broadening its applicability to various context such as singular integrals and maximal functions.

ALL ARE CORDIALLY INVITED