



Theoretical Statistics and Mathematics Unit, Kolkata
INDIAN STATISTICAL INSTITUTE

SEMINAR

Date: June 13, 2025
Time: 02:30 PM

VENUE:

L- 1

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

TITLE:

Fredholm Operators and Index Theory

SPEAKER:

Prosenjit Das

Stat-Math Unit, ISI Kolkata

ABSTRACT:

This presentation covers the theory of Fredholm operators on Hilbert spaces, with a focus on the Atkinson Lemma, the Calkin algebra, and the definition and properties of the index. We also discuss key features of Fredholm operators, supported by examples that illustrate their role in functional analysis.

ALL ARE CORDIALLY INVITED