



INDIAN STATISTICAL INSTITUTE
Theoretical Statistics and Mathematics Unit, Kolkata
Indian Statistical Institute Alumni Association

S. C. BAGCHI MEMORIAL LECTURE

Date: September 11, 2023, Monday

Time: 04:45 PM

VENUE:

NAB - 1

(Ground Floor, A.N. Kolmogorov Bhavan), ISI Kolkata

TITLE:

TRACES IN OPERATOR THEORY

SPEAKER:

K. B. Sinha

JNCASR, Bangalore

ABSTRACT:

The usual (matrix-) trace extends in a natural way to one of the simplest non-commutative integrals over the set of bounded operators in an infinite-dimensional Hilbert space. This trace shows many "unexpected" analytic, geometric and topological properties in appropriate circumstances. Some of these examples will be presented.

ALL ARE CORDIALLY INVITED