



INDIAN STATISTICAL INSTITUTE
Theoretical Statistics and Mathematics Unit, Kolkata

GRADUATE SEMINAR

Date: July 06, 2023, Thursday
Time: 11:00 PM

VENUE:

L-infinity

(5th Floor, A.N. Kolmogorov Bhavan), ISI Kolkata

TITLE:

**The scaling group and the unitary antipode for compact
quantum groups**

SPEAKER:

Bappa Ghosh

Stat-Math Unit, ISI Kolkata

ABSTRACT:

A scaling group is a one parameter family of $$ -automorphism of the canonical dense Hopf $*$ -algebra of a compact quantum group. We will introduce the notion of Kac type compact quantum group and discuss some equivalent conditions for a compact quantum group to be of Kac type. Finally, we will construct the unitary antipode for a compact quantum group.*

ALL ARE CORDIALLY INVITED