



INDIAN STATISTICAL INSTITUTE

Theoretical Statistics and Mathematics Unit, Kolkata

SEMINAR

Date: November 21, 2024

Time: 03:00 PM

VENUE:

L- 2

(4th Floor, A.N. Kolmogorov Bhavan), ISI Kolkata

TITLE:

On twisted tensor products of C^* -algebras

SPEAKER:

Sutanu Roy

IIT Bombay

ABSTRACT:

In this talk, we shall discuss the general construction of the twisted tensor product of C^ -algebras equipped with actions of a (co) quasi-triangular quantum group. The key idea behind this construction is the braided-commuting representation of C^* -algebras and Heisenberg pairs associated with quantum groups. Finally, we will discuss a few examples.*

The content of this talk is based on joint work with Meyer, Timmermann, and Woronowicz.

ALL ARE CORDIALLY INVITED