



INDIAN STATISTICAL INSTITUTE
Theoretical Statistics and Mathematics Unit, Kolkata

NUMBER THEORY LECTURE

Date: March 22, 2023

Time: 04:15 PM

VENUE:

L-infinity

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

TITLE:

Bounds on bilinear sums of Kloosterman sums

SPEAKER:

Dr. Nilanjan Bag

RKMVERI, Belur

ABSTRACT:

In this talk we shall discuss some elementary arguments to obtain new bounds on bilinear sums with weighted Kloosterman sums which complements those recently obtained by E. Kowalski, P Michel and W. Sawin (2020) and shall discuss its possible application to get average values of divisor function.

ALL ARE CORDIALLY INVITED