



INDIAN STATISTICAL INSTITUTE
Theoretical Statistics and Mathematics Unit, Kolkata

SEMINAR

Date: July 27, 2023, Thursday
Time: 02:30 PM

VENUE:

L-infinity

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

TITLE:

On the order of $\zeta(1/2 + it)$

SPEAKER:

Sayan Ghosh

Stat-Math Unit, ISI Kolkata

ABSTRACT:

We will establish the following subconvexity bound for the zeta function on the critical line $\zeta(1/2 + it) \ll t^{\frac{1}{4} - \frac{5}{56} + \varepsilon}$ using Bombieri and Iwaniec's method of exponent pairs.

ALL ARE CORDIALLY INVITED