

SEMINAR NOTICE

On 9th March, 2022

Time: 3:00 PM

VENUE- PAMU Seminar Room (offline)

Physics and Applied Mathematics Unit
Indian Statistical Institute, Kolkata- 700108

Speaker: DR. ANISH GHOSHAL

Institute of Theoretical Physics, University of Warsaw, Poland

TITLE: Sources of Primordial Gravitational Waves as Probe of Particle Physics.

ABSTRACT:

In this talk I describe various primordial sources of Gravitational Waves: inflationary tensor perturbations, primary and secondary, reheating, (p)reheating, phase transitions, cosmic strings, domain walls. I will show how a stochastic background of Gravitational Waves (SBGW) spectrum from such sources of cosmic origin acts as complementary tests of particle physics models compared to other laboratory searches and astrophysical observations.

All are Cordially Invited to Attend

(Head, PAMU)