



Department of
Theoretical Physics

THE QUANTUM SPACETIME SEMINAR SERIES

Gravitational Waves in de Sitter

Amitabh Virmani

(CMI, Chennai)

Date: August 7, 2023

Time: 11 AM IST

Venue: A-304

Zoom link shall be shared separately



I will present an overview of the study of gravitational radiation in dS. I will discuss the progress and current status of the subject in both linear gravity and non-linear gravity. In the first part, I will relate the discussion in Bondi-Sachs variables to Fefferman-Graham variables. In the second part, I will discuss various subtleties that arise in the linear theory in the Poincare patch.