



Department of  
Theoretical Physics

# THE QUANTUM SPACETIME SEMINAR SERIES

**Shadows and Soft Exchange in Celestial CFT**

(Zoom Seminar)

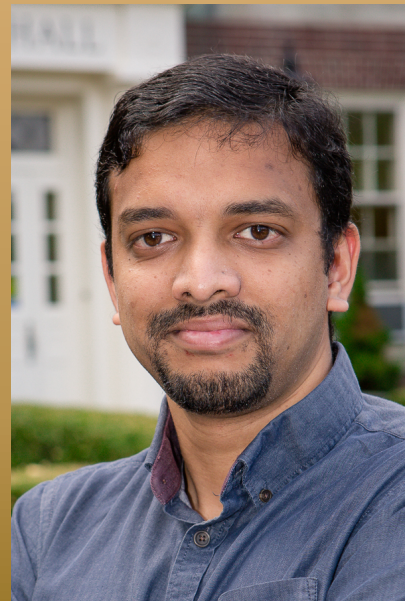
**Prahar Mitra**

(Cambridge University)

**Date:** October 25, 2021

**Time:** 2.00 PM IST

Zoom link shall be shared separately



We use asymptotic symmetries to construct a  $d$ -dimensional action which reproduces soft exchange and soft theorems in  $d+2$ -dimensional  $SS$ -matrices in Abelian gauge and gravitational theories.