



Department of
Theoretical Physics

Tata-Infosys Lecture Series

Asymptotic Symmetries and Soft Theorems in Quantum Field Theory

Prahar Mitra

(IAS, Princeton, USA)

Date / Time : Dec. 18th,
2017, 11.30 am

Dec. 19th & 20th, 2017,
02.30 pm

Venue: A-304, TIFR



In this lecture series, I will review recent developments in the study of asymptotic symmetries in asymptotically flat spacetimes and explore its connections to soft theorems and infrared divergences in quantum field theory, memory effects which allow for measurement of the asymptotic charges, and black hole information.