



ICTS String Seminar

Title : Amplitudes for Hawking Radiation

Speaker: Donal O'Connell (The University of Edinburgh, United Kingdom)

Date : Thursday, 08 May 2025

Time : 3:30 PM (IST)

Abstract: In recent years, ideas from quantum field theory, including effective field theory and the

on-shell methods of scattering amplitude, have been successfully applied to classical gravitational-wave physics. In this talk, I will show that these ideas extend to the semiclassical case of Hawking radiation. Along the way, I will discuss the relationship

between Bogoliubov coefficients and generalised amplitudes.

Venue : Online

Zoom Link: https://icts-res-in.zoom.us/j/88092766911?pwd=R3ZrVk9yeW96ZmQ4ZG9KRzVhenRKZz09

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