

Seminar Notice

Org. by

Theoretical Physics Department

Title:	Boundary Terms in Gravity
Speaker:	Krishnamohan Parattu, IIT, Madras.
Date:	November 28, 2017 (Tuesday)
Time:	11:30 a.m.
Venue:	Theoretical Physics Seminar Room (C406), 3rd Floor, Centenary Building, IACS
Abstract	Boundary terms are an essential component of the action for gravity theories. After motivating the introduction of boundary terms, or total derivative terms in the action, using simple examples, a review of the history of boundary terms in gravity will be given. Then, our work constructing a boundary term for null boundaries in general relativity, and the various applications it has found in the literature, will be described in detail. Ongoing work in extending the result to Lovelock theories will be touched upon.

All are cordially invited to attend the seminar