ICTS Seminar

Title	:	Ulrich bundles - an existence problem
Speaker	:	Poornapushkala Narayanan (ICTS - TIFR, Bengaluru)
Date	:	Monday, 08th August 2022
Time	:	10:00 am (IST)

Abstract : Ulrich bundles are vector bundles on a smooth projective variety whose twists satisfy a set of vanishing conditions. It has been conjectured that every smooth projective variety carries an Ulrich bundle. The answer to this is not known in general but is known in the case of certain projective varieties. In this talk, I will give an introduction to Ulrich bundles. I will also discuss the existence of Ulrich bundles over double covers of projective spaces (joint work with A.J. Parameswaran and N. Mohan Kumar).

Venue : **Hybrid Mode**

Offline: Emmy Noether Seminar Room

Online: Please click on the below link to join the seminar

https://icts-res-in.zoom.us/j/83391414688?pwd=aEpWZHJ6blFvSGpYUldkQzJtY2VwUT09

Meeting ID: 833 9141 4688
Passcode: 080822