ICTS String Seminar

Title	:	The Generalized second law in crossed product constructions
Speaker	:	Suneeta Vardarajan (Indian Institute of Science Education and Research, Pune)
Date	:	Wednesday, 10th July 2024
Time	:	2:00 PM (IST)
Abstract	:	Recent work uses the crossed product construction in von Neumann algebra to interpret black hole generalized entropy as the entropy of the algebra of observables of the black hole exterior. Further, there is also a proposal to assign an entropy to the algebra of observables in arbitrary subregions of spacetime. We review these works and show how they can be used to prove a local Generalized second law in crossed product constructions.
Venue	:	Emmy Noether Seminar Room

ZoomLink: https://icts-res-in.zoom.us/j/88092766911?pwd=R3ZrVk9yeW96ZmQ4ZG9KRzVhenRKZz09
Meeting ID: 880 9276 6911
Passcode: 232322