



INTERNATIONAL  
CENTRE *for*  
THEORETICAL  
SCIENCES

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

## ICTS PhD Seminar

- Title** : Berezin quantization of even-dimensional compact manifolds and pullback coherent states
- Speaker** : Kohinoor Ghosh (ICTS -TIFR, Bengaluru)
- Date** : Friday, 3<sup>rd</sup> March 2023
- Time** : 2:30 PM (IST)
- Abstract** : In this talk, our discussion will start with a local description of the Berezin quantization of the complex projective space. Then we go on to define a Berezin-type quantization for even-dimensional compact manifolds. In the end, we discuss the Toeplitz quantization of compact complex manifolds. We also briefly talk about pullback coherent states.
- Venue** : Online & Emmy Noether Seminar Room (ICTS)  
Zoom link: <https://icts-res-in.zoom.us/j/88569480533?pwd=TkRYNitiNnJ4cFp5UU5MdWFxMVluZz09>  
Meeting ID: 885 6948 0533  
Passcode: 030323