



## **ICTS Statistical Physics Journal Club Seminar**

- Title** : Large deviation theory on diluted random matrix ensembles
- Speaker** : Isaac Pérez Castillo, (Universidad Autónoma Metropolitana, Iztapalapa)
- Date** : Thursday, 3<sup>rd</sup> June 2021
- Time** : 06:30 pm (IST)
- Abstract** : In this seminar I will summarize the recent advances in Large deviation theory on diluted random matrices, both for Hermitian and non-Hermitian ensembles. I will then proceed to introduce a novel approach, a functional rate theory, which controls the deviations of random functions in these ensembles. Finally, I will conclude by briefly discussing a couple of open problems.
- Venue** : Please click on the below link to join the seminar  
<https://zoom.us/j/94314402971?pwd=eXFNU2lzaXRpYXNseEYwRzR3UnliUT09>  
Meeting ID: 943 1440 2971  
Passcode: 380427