



ICTS

INTERNATIONAL  
CENTRE *for*  
THEORETICAL  
SCIENCES

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

## ICTS Seminar

- Title** : A Principled Approach to Randomized Selection under Uncertainty: Applications to Peer Review and Grant Funding
- Speaker** : Nihar B Shah (Carnegie Mellon University, USA)
- Date** : Tuesday, 08 July 2025
- Time** : 3:30 PM (IST)
- Abstract** : Many decision-making processes rely on evaluating and selecting items—such as in scientific peer review, research funding, and school or university admissions. Increasingly, there's growing interest in introducing randomization into these selection processes, with several real-world implementations already in place. With research funding selection as a running application, in this (blackboard/whiteboard) talk we will discuss this broader problem space and a specific problem setting in randomized selection. We will discuss existing deployments and their drawbacks, and propose theoretically-grounded methods for integrating randomness into these critical decisions. Based on joint work with Alexander Goldberg and Giulia Fanti.  
<https://arxiv.org/pdf/2506.19083>
- Venue** : Emmy Noether Seminar Room  
Zoom Link: <https://icts-res-in.zoom.us/j/95228655628?pwd=HE6uROBHF1azeUabCsKonpOXEd8ajG.1>  
Meeting ID: 952 2865 5628  
Passcode: 539981