

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE

2A & 2B, Raja S.C. Mullick Road, Jadavpur, Kolkata-700032, India

Seminar Notice

Org. by

School of Physical Sciences

Title:	Fair Enough: Relaxed Notions of Envy and Equity on Graphs
Speaker:	Rik Sengupta, Dept. of Computer Science, University of Massachusetts Amherst
Date:	June 29, 2022 (Wednesday)
Time:	15:30 hours (IST)
Venue:	Physics Seminar Room (C-406), 3rd Floor, Centenary Building, IACS
Abstract:	Given a set of people and a set of items that the people value in different ways, what is a <i>*fair*</i> way to allocate the items among the people? How do we compare different notions of fairness? A recent trend of combinatorial research has been to focus on questions of fairness and finding allocations using simple game theoretic techniques. In this talk, I will define the most mysterious and elusive notion of fairness, called EF-X, talk about the problem of finding EF-X allocations on a graph, and finish with the question of what this has to do with the speed of your home internet.

All are cordially invited to attend the seminar