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TATA INSTITUTE OF FUNDAMENTAL RESEARCH

## **ICTS Seminar**

Title : Socio-economic inequalities: Can humans be modeled like atoms?

Speaker : Anirban Chakraborti, Jawaharlal Nehru University, New Delhi

Date : Thursday, June 27, 2019

Time : 11:30 AM

Venue : Chern Lecture Hall, ICTS Campus, Bangalore

Abstract : A brief overview of the data analyses of socio-economic variables – income, wealth and consumption, will be presented. It has been found empirically that the distributions of income, wealth and consumption possess fairly robust features: the bulk is log-normally distributed, followed by a power law tail. The mechanisms leading to such inequalities and invariant features for the distributions of the socio-economic variables are not well-understood. We will present some simple models inspired from physics and demonstrate how the models can be adapted to study socio-economic ‘complex’ systems, or explain some of the empirical findings and their consequences.