

08.11.2017

Einladung

zu der am Mittwoch, den 15. November 2017,
um 16:15 Uhr im Hörsaal M5 stattfindenden

Antrittsvorlesung

von Herrn Juniorprofessor Dr. Chiranjib Mukherjee

über das Thema

„HOW LIKELY IS UNLIKELY?“

Kurzfassung:

We encounter a lot of uncertainties in the world we live, and a mathematical understanding of occurrences of events is often understood by describing their probabilities: The chance or the probability of something happening zero means that it is almost never going to happen, while an event with probability one is almost surely going to happen.

Sometimes we encounter events which are so rare that their probabilities are very tiny. However, occurrences of those events can not always be ignored, as the consequences of such occurrences could be catastrophic! The theory of “large deviations” deals with occurrences of such unlikely events and provides with a mathematical theory that finds copious applications in and outside mathematics. We will look at a few examples that illustrate the phenomena of large deviations.

gez. Xiaoyi Jiang, Dekan