

“In more general probability theory, a central limit theorem is any of a set of weak-convergence theorems.”

-Wikipedia

The Trivial Notions Seminar
Proudly Announces

The Kardar-Parisi-Zhang equation

A talk by
Jeff Kuan

Abstract

The KPZ equation, introduced by the physicists Mehran Kardar, Giorgio Parisi, and Yi-Cheng Zhang, is a non-linear stochastic partial differential equation describing a large class of random growth models. However, there is no obvious mathematical definition of a solution to the KPZ equation. In this talk, we review the history of the physicists' approach, and how mathematicians have attempted to introduce rigor to the equation.

Thursday November 14th, at 1 pm
Science Center 507