

abstract

[Video of this lecture](#) COMPUTER SCIENCE AND DISCRETE MATHEMATICS II

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

In this talk I will insult your intelligence by showing a non-original proof of the Central Limit Theorem, with not-particularly-good error bounds. However, the proof is very simple and flexible, allowing generalizations to multidimensional and higher-degree invariance principles. Time permitting, I will also discuss applications to areas of theoretical computer science: property testing, derandomization, learning, and inapproximability.