

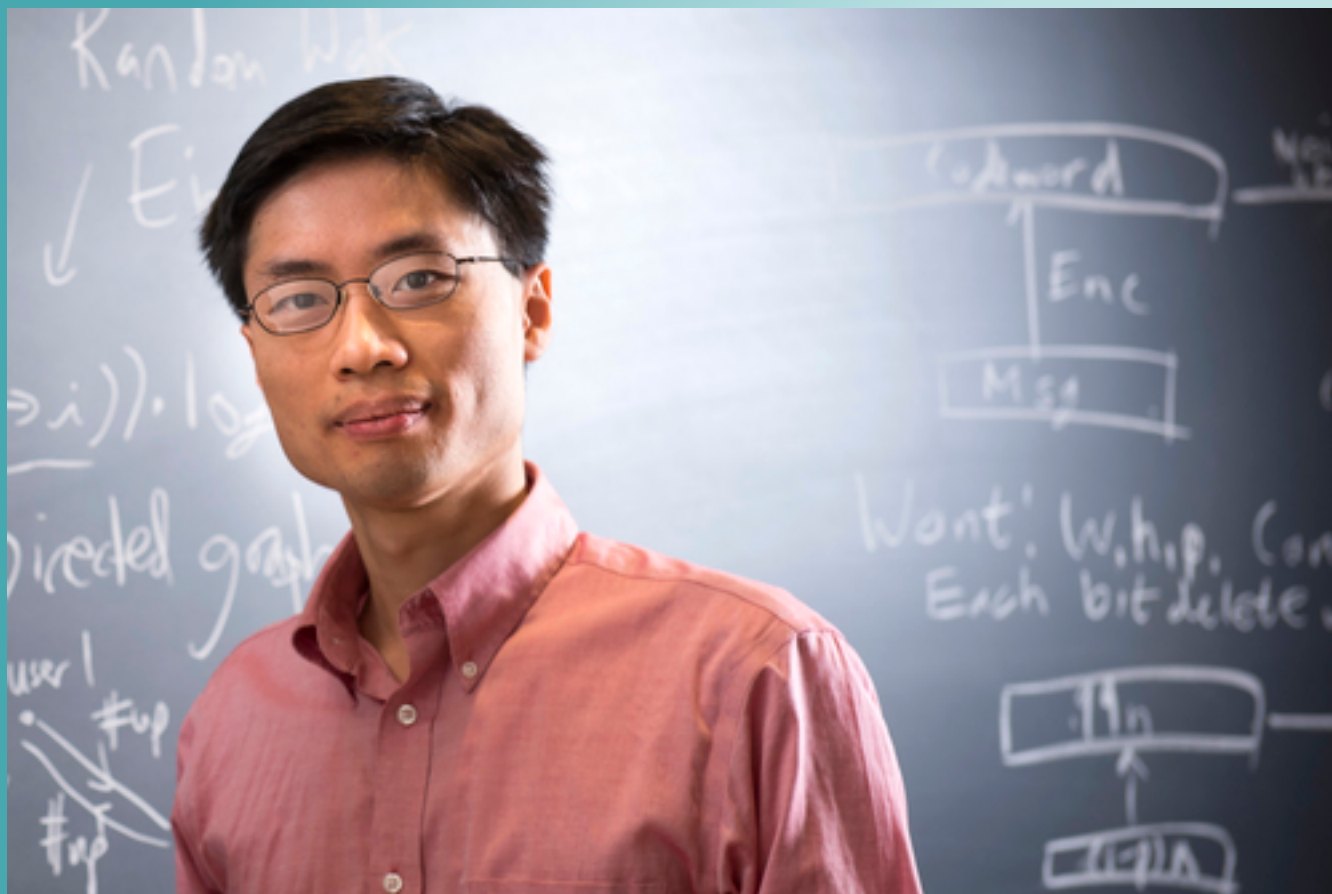
The Reese T. Prosser Mathematics Lecture Series

Presents

Mathematical Insights and Intuition

Po-Shen Loh

Associate Professor of Mathematics,
Carnegie Mellon University
National Coach,
USA International Math Olympiad Team
Founder of [ExpII](#)



Tuesday, March 27, 2018

7:00 – 8:00 PM

**100 Arvo Oopik '78 Auditorium
Life Sciences Center**

What is the practical value of mathematics for the average person? The speaker will illustrate the answer through surprising insights that explain aspects of real life, and puzzles and paradoxes that arise from the failure of human intuition. The starting point will be a pair of dice.

See how mathematical reasoning can help us make sense out of these thought-provoking situations, and experience the surprising and fun nature of mathematics in the process. These insights were accumulated from over a year of mathematical introspection on topics of common interest, and several have been shared in features of the New York Times, Wall Street Journal, and FiveThirtyEight (part of ESPN). This is original work by mathematician Po-Shen Loh, whose professional research is in combinatorics and probability. He will also highlight the connections between this research and the real-life examples in this talk.

Free and open to the public - Pizza at 6:00PM prior to talk in lobby outside of auditorium.

The Reese Prosser Memorial Lectures were inaugurated in 2002 by the Department of Mathematics at Dartmouth College to honor their long time colleague Reese Prosser. This lecture series, endowed by the late Nancy Prosser and her family, is intended to introduce the general public to mathematical research related to their daily lives.