Han-Bom Moon

Institute for Advanced Study

Princeton University

Let's Count Points!

Abstract:
A fascinating fact in mathematics is that there are many interesting connections between seemingly different mathematical disciplines. In this talk, I will present a surprising formula counting integral points on polygons and sketch its proof. We will see a delightful interaction between algebra, geometry, and combinatorics. No prerequisite is assumed beyond high school mathematics. Everyone is welcome!

TUESDAY, SEPT. 12th

Refreshments 4:15 – Lecture 4:30

SCIENCE CENTER 199