"Philosophers are often like little children, who first scribble random lines on a piece of paper with their pencils, and now ask an adult 'What is that?' "

-Ludwig Wittgenstein, Philosophical Occasions. (The word "that" in the philosophers' question probably refers to the average number of points of intersection with some unspecified curve).

The Trivial Notions Seminar
Proudly Announces

Integral Geometry in the Plane

A talk by
Omar Antolín Camarena

Abstract

We will talk about some of the beautiful formulas of the subject known as Integral Geometry or Geometric Probability. In the case of plane curves and domains, for example, these formulas let you compute things like the average width of a domain or the expected number of points of intersection of a fixed curve with a random line. We'll illustrate them by proving several times that all figures of the same constant width have equal perimeter.

Thursday September 18th, at 1:30 pm
Science Center 222