The Trivial Notions Seminar
Proudly Announces

The Weil Conjectures

A talk by

David Roe

Abstract

Abstract: The Weil conjectures (proved in 1974 by Deligne) provide strong constraints on the number of points on a variety over extensions of finite fields. I will expound upon the statements of the conjectures, sketch a proof using étale cohomology, and give some reasons that we might care about the number of points on a variety.

Thursday, February 26th at 2:07 pm
Science Center 507