Mathematics, Statistics, and Computer Science   **@ UIC**

Departmental Colloquium

Model-theoretic and nonstandard methods in algebraic geometry and combinatorics.

Anand Pillay (Notre Dame)

Abstract: I will talk about some model theoretic methods with a "nonstandard" flavour. I will first mention a second generation proof of function field Mordell-Lang in positive characteristic (2016). And then discuss recent and current work on arithmetic regularity lemmas from combinatorics.

Friday, November 15 at 3:00 PM in 636 SEO