Departmental Colloquium

Two 30 minute talks
Shiji Lyu & Freddy Saia (UIC)

Abstract: Shiji Lyu Title: Singularities in commutative algebra with a touch of model theory

Shiji Lyu Abstract: In algebraic geometry, the singularities of a variety are usually defined or characterized by its local rings. This gives rise to interesting and important notions and questions in commutative algebra. In this talk, we discuss several results regarding some behaviors of certain notions of singularity, proved with the help of ideas or perspectives from model theory.

Friday, September 22 at 3:00 PM in 636 SEO