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

Algebraic Geometry Seminar

Local volumes, equisingularity and generalized smoothability

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Abstract: In this talk I will introduce a class of singularities that generalizes the class of smoothable singularities: these are all singularities that admit deformations to singularities with deficient conormal spaces. I will discuss how this new class arises from problems in differential equisingularity and how it relates to the local volume of a line bundle.

Wednesday, May 1 at 4:00 PM in 427 SEO