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

Geometry, Topology and Dynamics Seminar

Moduli of algebraic varieties

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Abstract: A basic goal of algebraic geometry is to form a well-behaved (e.g. Hausdorff) moduli space of some class of well-behaved algebraic varieties. I will discuss one solution to this problem which uses ideas from Kähler geometry, namely the theory of constant scalar curvature Kähler metrics. This is joint work with Philipp Naumann.

Monday, March 18 at 3:00 PM in 636 SEO