

Graduate Algebraic Geometry Seminar

Moduli of Surfaces: Difficulties & Inroads, or: Things Fall Apart

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Abstract: I will briefly review some history and state some relevant definitions, in particular the notion of a stable variety due to Kollár and Shepherd-Barron. I will then illustrate by example the greater subtleties that arise in studying families of surfaces. Finally, I will describe a few special cases in which progress has been made.

Wednesday, January 18 at 3:00 PM in SEO 712