

Algebraic Geometry Seminar

Moduli of curves and K-stability

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Abstract: The K-moduli theory provides us with an approach to study moduli of curves. In this talk, I will introduce the K-moduli of certain log Fano pairs and how it relates to moduli of curves. We will see that the K-moduli spaces interpolate between different compactifications of moduli of curves. In particular, the K-moduli gives the last several Hassett-Keel models of moduli of curves of genus six.

Monday, October 2 at 3:00 PM in 636 SEO