



Stony Brook **University**

1st Biannual Mini-School in Geometry

Mini-School on K-Stability

Friday, December 6, 2013

Aimed at graduate students and postdocs, a series of four introductory lectures will help participants to appreciate recent developments relating stability in algebraic geometry to the existence of canonical metrics.



Introduction to GIT

Ian Morrison (Fordham)

Introduction to canonical metrics

Claude LeBrun (Stony Brook)

Introduction to K-stability

Valentino Tosatti
(Northwestern)

K-Stability and algebraic geometry

Yuji Odaka (Imperial College and University of Kyoto)

The lectures will start at 10 am. Lunch will be provided, and we can defray some travel expenses.

To register, and for further information, <http://www.math.sunysb.edu/AlgebraicGeometry/Kstability.html>

Supported by the NSF and the Stony Brook Algebraic Geometry Fund.