



Stony Brook **University**

2nd Biannual Mini-School in Geometry

Invitation to Complex Dynamics and Algebraic Surfaces

Wednesday

April 9, 2014

Aimed at graduate students and postdocs in both algebraic geometry and dynamics, the mini school will present an introduction to recent developments and open questions in dynamics in two complex dimensions.

No previous exposure to dynamics will be assumed.



**Introduction to the rational
dynamics on the Riemann sphere**
Mikhail Lyubich (Stony Brook)

**Introduction to the dynamics of
polynomial automorphisms of the
plane**
Eric Bedford (Indiana & Stony Brook)

**Automorphisms of projective
surfaces: geometry and dynamics**
Serge Cantat (Université de Rennes)

The lectures will start at 10 am. Lunch will be provided and modest travel costs defrayed for outside participants. Lunch will be subsidized for local participants. Supported by the NSF and the Stony Brook Algebraic Geometry Fund. To register, and for further information, <http://www.math.sunysb.edu/AlgebraicGeometry/ComplexDynamics.html>