

# Harvard-M.I.T. Algebraic Geometry Seminar

## A NEW APPROACH TO MORI THEORY

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Mori theory gives a conjectural birational classification of projective varieties, which is modeled on the classification of curves and surfaces. The traditional approach to obtain such a classification proceeds step by step, using a conjectural algorithm known as the minimal model program.

After reviewing the traditional approach, we outline a different approach to Mori's conjectural classification, which proceeds directly by trying to prove that the canonical ring is finitely generated.

Tuesday, May 2nd  
3:00 p.m.  
Harvard Science Center 507

<http://www-math.mit.edu/ags/>