

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

## RECENT PROGRESS IN THE MINIMAL MODEL PROGRAM

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The Minimal Model Program is an attempt to extend to higher dimensions the classical results on the birational classification of surfaces (that date back to the Italian school at the beginning of the 20th century). For varieties of dimension 3, this program was successfully completed by Mori and others in the 1980's.

In this talk I will give a brief introduction to these results and illustrate recent progress towards the Minimal Model Program in higher dimension. In particular I will focus on restricted log canonical algebras and on the existence of flips.

Tuesday, March 14th

3:00 p.m.

MIT Room 2-190

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