

Harvard-MIT Algebraic Geometry Seminar

# Mori's program on the Kontsevich space of stable maps $\overline{\mathcal{M}}_{0,0}(\mathbb{P}^3, 3)$

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We run Mori's program for the Kontsevich space of stable maps  $\overline{\mathcal{M}}_{0,0}(\mathbb{P}^3, 3)$  and give geometric interpretations of all the intermediate spaces. In particular, we show that one component of the corresponding Hilbert scheme is the flip of  $\overline{\mathcal{M}}_{0,0}(\mathbb{P}^3, 3)$  over the Chow variety. Reference arXiv:0709.0438

Tuesday October 16th  
3:00 p.m.  
MIT (2-142)