Front Range Algebra, Geometry and Number Theory Seminar

Modularity of log canonical models of the moduli space of stable curves

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The modularity program for the moduli space of stable curves is an attempt to give modular interpretation to log canonical models of $\overline{M}_g$. I will discuss predictions for the future steps of the program (joint with Alper and Smyth), and recent work on GIT stability of canonical curves and a flip of the hyperelliptic locus, which confirms some of these predictions (joint with Jensen).

Thursday March 10th 2011
3:00-5:00 p.m.
MATH 350