David Jensen* (djensen@math.utexas.edu), SUNY Stony Brook Department of Mathematics, 100 Nicolls Road, Stony Brook, NY 11794-3651. Beyond the Boundary: Log Minimal Models for the Moduli Space of Curves.

Recent work of Hassett and Hyeon has described the first few stages of the log minimal model program for the moduli spaces of curves. These models agree with the moduli space on the interior – in each, a subset of the boundary is contracted or flipped. We will discuss progress toward birational models that affect the interior. (Received August 30, 2010)