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Howard Masur* (masur@math.uchicago.edu), **Keith Burns**, **Carlos Matheus Santos** and **Amie Wilkinson**. *Mixing Properties of the Weil-Petersson geodesic flow*. Preliminary report.

The Weil-Petersson metric on the moduli space of hyperbolic metrics on a surface of genus g with n punctures is known to be ergodic and mixing. In this talk I will discuss some preliminary results on the rate of mixing of the flow. (Received February 09, 2013)