## THE WEIL PETERSSON GEODESIC FLOW IS ERGODIC

## AMIE WILKINSON

Northwestern University

**Abstract.** Using techniques from Teichmuller theory, differential geometry and smooth ergodic theory, we give a proof that almost every Weil-Petersson geodesic on moduli space is equidistributed in the unit tangent bundle. This is joint work with Keith Burns and Howard Masur.