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The Masur criterion and the outer automorphism group of a free group

The Masur criterion for the mapping class group says that the vertical foliation of a recurrent Teichmüller geodesic is uniquely ergodic. We discuss how this criterion can be adapted to the outer automorphism group of a free group acting on outer space, and sketch some applications. This is a joint project with Hossein Namazi and Patrick Reynolds.