

Coarse and fine geometry of the Thurston metric

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I will present some recent results on the geometry of the Thurston metric on Teichmüller space. This is an asymmetric metric based on the Lipschitz constants of maps between hyperbolic surfaces. We study the coarse properties of Thurston metric geodesics in general, and some finer properties in the case of the punctured torus. This is joint with Anna Lenzhen, David Dumas, and Kasra Rafi.