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Nicole R. Looper* (nicole_looper@brown.edu) and **Joseph H. Silverman**
(jhs@math.brown.edu). *Intersection theory on surfaces and small points on Jacobians.*

In this talk, we will revisit certain aspects of intersection theory on arithmetic surfaces and situate them in a dynamical framework. We will discuss applications to open problems in dynamics, including uniform versions of the Manin-Mumford conjecture. (Received September 14, 2020)