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**Brooke Feigon** (bfeigon@ccny.cuny.edu), **Matilde Lalin** (mlalin@dms.umontreal.ca) and  
**Kaneenika Sinha** (kaneenika@gmail.com). *Zeta zeroes of Artin-Schreier curves.*

We study the distribution of the zeroes of the zeta functions in the family of Artin-Schreier curves over the finite fields  $\mathbb{F}_q$ , when  $q$  is fixed and the genus goes to infinity. More precisely, we show that the distribution of the properly normalized zeroes in intervals of the unit circle follows a Gaussian distribution. This is done by computing the normalized moments of certain approximations of the number of zeroes in intervals given by the Beurling-Selberg polynomials.

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