1127-14-116   **Weiyan Chen*** (`chen@math.uchicago.edu`), Mathematics Department, University of Chicago, 5734 S. University Ave., Chicago, IL 60637. *Analytic Number Theory for 0-cycles.*

I will talk about some results about the asymptotic "prime factorization" of effective 0-cycles on varieties over finite fields, which were inspired by the work of Church-Ellenberg-Farb relating representation stability and arithmetic statistics. (Received February 07, 2017)