

Topology, Arithmetic, & Dynamics Seminar

Invertible Orbifolds over Finite Fields

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Orbifold quotients of complex invertible hypersurfaces were first studied by physicists as explicit examples of mirror pairs. Inspired by Borisov's vertex algebra theoretic approach to mirror symmetry and Dwork's work on the Weil conjectures, we propose a conjectural formula for zeta functions of crepant resolutions of orbifold quotients of invertible hypersurfaces defined over a finite field.

Date: **Friday, March 24, 2017**

Time: **2:30-3:20 pm**

Place: **4106 Exploratory Hall**

For special accommodations, please contact Sean Lawton via email at slawton3@gmu.edu.