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Marco Aldi* (maldi2@vcu.edu) and **Andrija Perunicic**. *Invertible Hypersurfaces over a Finite Field and Mirror Symmetry*.

Berglund-Huebsch duality is an explicit construction of mirror pairs of Calabi-Yau manifolds. In this talk we present some applications of Berglund-Huebsch duality to the study of the Frobenius operator acting on the Monsky-Washnitzer cohomology of invertible hypersurfaces. (Received September 06, 2016)