1108-14-129 **S. Allen Broughton*** (`brought@rose-hulman.edu`), Department of Mathematics, Rose-Hulman Institute of Technology, 5500 Wabash Ave, Terre Haute, IN 47803. *Quasi-platonic actions of PSL(2,q) and their dessins.* Preliminary report.

A quasi-platonic action of the group G on the Riemann surface S is a conformal action of G on S such that S/G is a sphere and the projection $S \to S/G$ is branched over three points. In this talk we describe the quasi-platonic actions of $PSL(2, q)$. Quasi-platonic actions are interesting since each surface with a quasi-platonic action must have a defining equation with coefficients in a number field. Additionally, each quasi-platonic action defines a regular *dessin d'enfant* on S, namely an embedded bipartite graph whose complement is a collection of rotationally symmetric, hyperbolic polygons. The group G is an automorphism group of the dessin. The absolute Galois group acts on the set of all dessins by acting on the coefficients of the defining equation of S. We discuss the Galois action on the dessins arising from quasi-platonic actions of $PSL(2, q)$. (Received January 07, 2015)