1086-14-606 **Drake M Harmon*** (dharmon2@fau.edu), **Timothy J Ford** and **Djordje N Bulj**. *Generically Trivial Azumaya Algebras on a Rational Surface with a Non-rational Singularity.*

Elementary examples are presented of normal algebraic surfaces X with singular points x such that at the local ring $\mathcal{O}_{X,x}$ there exist Azumaya algebras of all orders in the Brauer group that are split by the field of rational functions on X. These algebra classes correspond to elements of torsion in the class group of the henselian local ring $\mathcal{O}^h_{X,x}$. The surfaces X are affine normal rational and the singularities x are non-rational. (Received September 08, 2012)