1145-11-2648   **Aly Deines***, aly.deines@gmail.com. *Elliptic Curves of Prime Conductor.* Preliminary report. The torsion elliptic curves over $\mathbb{Q}$ with prime conductor has been well studied. In particular, we know that for an elliptic curve $E/\mathbb{Q}$ with conductor p a prime, if $p > 37$, then E has either no torsion, or is a Neumann-Setzer curve and has torsion order 2. In this talk we examine similar behavior for elliptic curves of prime conductor defined over totally real number fields. (Received September 25, 2018)