## CORR 2000-48

## Analysis of the Weil Descent Attack of Gaudry, Hess and Smart

Alfred Menezes & Minghua Qu\*

**Abstract** We analyze the Weil descent attack of Gaudry, Hess and Smart [12] on teh elliptic curve discrete logarithm problem for elliptic curves defined over  $\mathbb{F}_{2^n}$ , where *n* is prime.