1154-11-552 **Dean Bisogno*** (bisogno@math.colostate.edu), **Wanlin Li**, **Daniel Litt** and **Padmavathi Srinivasan**. *A non-hyperelliptic curve with torsion l-adic Ceresa class.*

Let X/K be a smooth curve over a field K. The Ceresa class $c(X)$ is a Galois cohomology class which controls the action of the absolute Galois group G_K on the second term of the lower central series of the pro-l étale fundamental group of X based at a rational point $x \in X$. If X is hyperelliptic, then $c(X) = 0$. We provide an example of a non-hyperelliptic curve with torsion Ceresa class. For every genus $g \geq 3$ we also provide infinitely many examples of curves over number fields with genus g and non-torsion Ceresa class. (Received September 06, 2019)