

1096-55-1067

Donald M Larson* (dm134@psu.edu). *The Adams-Novikov E_2 term for $Q(2)$ at the prime 3.*

In this talk we will discuss a computation of the Adams-Novikov E_2 term for the spectrum $Q(2)$. This spectrum is built using degree 2 isogenies of elliptic curves, and is closely tied to the 3-primary $K(2)$ -local sphere. We will also examine potential connections between our computation and algebraic Greek letter families in the Adams-Novikov spectral sequence for the 3-local sphere. (Received September 12, 2013)