Cris Negron* (negron@uw.edu). The Hochschild Cohomology Ring of a Smash Product.

We will discuss a method for computing the Hochschild cohomology ring of a smash product by way of spectral sequences. Throughout the talk, we will focus on the motivating example of $\mathbb{Z}^n$ acting on $n$-dimensional affine space by translation. (Received February 07, 2014)