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**Daniel Krashen\*** (dkrashen@uga.edu) and **Max Lieblich**. *The Clifford Algebra of a Finite Morphism*.

The classical Clifford construction, which produces an associative algebra from a quadratic form has been generalized to other types of higher degree forms by a number of authors. In this talk, I'll give a new construction, generalizing the classical one, of a Clifford algebra associated to a finite morphism of schemes, and describe applications of this construction to the period-index problem for genus 1 curves. (Received February 03, 2015)