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Akaki Tikaradze*, Department of Mathematics, University of Toledo, 2801 W Bancroft avenue, Toledo, OH 43606. *Representations of Infinitesimal Hecke algebras in positive characteristic*. Preliminary report.

In this talk I will consider representations of a class of almost commutative algebras in positive characteristic, which includes some infinitesimal Hecke algebras and spherical subalgebras of symplectic reflection algebras. Connections between dimensions of irreducible representations and the geometry of the center will be emphasized. (Received February 15, 2010)