1171-13-145   **Jack Jeffries*** (`jack.jeffries@unl.edu`). *Lifting Frobenius: What, Why, and Who.*
The closely related notions of lift of Frobenius and p-derivations are more familiar in arithmetic geometry than commutative algebra, but some applications to local algebra have emerged in the past few years. In this talk, I'll introduce these notions and discuss a few of these applications. What's new is based on joint projects with (subsets of) De Stefani, Grifo, Hochster, and Singh. If time permits, I'll also discuss When, Where, and How. (Received August 09, 2021)