A naive $\mathbb{A}^1$-homotopy between morphisms $f, g$ from a variety $X$ to a variety $Y$ is a cycle on $(X \times \mathbb{A}^1) \times Y$ whose support is finite and surjective over $X \times \mathbb{A}^1$ and whose fibers over 0 and 1 are the graphs of $f$ and $g$ respectively. Using this notion of naive $\mathbb{A}^1$-homotopy, one can define naive $\mathbb{A}^1$-homotopy equivalences of varieties. In this talk, we’ll discuss how an analog of a theorem of Whitehead can be used to show that there are no nontrivial $\mathbb{A}^1$-homotopy equivalences between smooth projective varieties.