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Michael Filaseta* (filaseta@math.sc.edu). *Integral points on curves and Hilbert's Irreducibility Theorem*. Preliminary report.

The speaker has been interested in finding an elementary argument tying together Siegel's Theorem on the finiteness of integral points on curves of genus > 0 to Hilbert's Irreducibility Theorem, the latter in the form that for a given irreducible $f(x, y) \in \mathbb{Q}[x, y]$ of degree at least one in x , the polynomial $f(x, t)$ is irreducible over \mathbb{Q} for almost all integers t . In this talk, we will present such an argument. (Received August 16, 2014)