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Sam Payne* (sam.payne@yale.edu) and **David Jensen** (dave.jensen@uky.edu). *Chip-firing and algebraic curves*. Preliminary report.

I will discuss recent results at the interface between chip-firing and the theory of algebraic curves, including joint work with Dave Jensen on a combinatorial conjecture on chip-firing and piecewise-linear functions that would imply the maximal rank conjecture. As time permits, I will also discuss recent work of Koplewitz, and joint work with Len, related to chip-firing and sandpile groups for bipartite graphs, and curves on smooth quadric surfaces. (Received August 22, 2016)