ELOÍSA GRIFO, University of Michigan
A stable version of Harbourne's Conjecture

Given a radical ideal I of big height h in a regular ring R, Harbourne conjectured that the famous containment result by Ein–Lazersfeld–Smith, Hochster–Huneke and most recently Ma–Schwede could be improved to $I^{(hn-h+1)} \subseteq I^n$. Unfortunately, several counterexamples have been found for specific values of n. In this talk, we will discuss evidence pointing to a possible stable version of Harbourne's Conjecture for all ideals I: that $I^{(hn-h+1)} \subseteq I^n$ might hold for all sufficiently large values of n.