Commutative Algebra Seminar

Local m-adic constancy of F-pure thresholds

Emily Witt (Kansas)

Abstract: The F-pure threshold is an invariant in characteristic $p > 0$ that measures the severity of a singularity; it is analogous to the log canonical threshold in characteristic zero. In this talk, we consider a consequence of the Ascending Chain Condition conjecture for F-pure thresholds, focusing on hypersurfaces with isolated singularities.

Monday, November 14 at 1:00 PM in SEO 427