## Asymptotic test ideals and their possible applications to resolution problems

## Angélica Benito

University of Michigan

In this talk we will introduce the notion of asymptotic test ideals associated to a graded system of ideals. Related with that one can define the F-threshold of this system of ideals. We will show that these concepts give us some nice properties in resolution of singularities properties when we specialize to the case of Rees algebras (finitely generated case).