Algebra and Geometry Seminar

Speaker: Dixy Msapato (University of Leeds)

Title: Counting tau-exceptional sequences for Nakayama algebras.

Abstract: The notion of a tau-exceptional sequence was introduced by Buan and Marsh in 2018 as a generalisation of exceptional sequences over finite dimensional algebras. In this talk, I will introduce both this notion, and present counting results of tau-exceptional sequences over some classes of Nakayama algebras (and a general counting strategy). In some of these Nakayama algebra cases we will see obtain closed formulas counting other well-known combinatorial objects, and exceptional sequences over some path algebras of Dynkin quivers.