Algebra and Geometry Seminar

Speaker: Havard Terland (Norwegian University of Science and Technology (NTNU))

Title: Finding components in mutation quivers.

Abstract: Tau-tilting theory completes tilting theory from the perspective of mutation. Letting points to be support-tau tilting pairs and arrows indicate (left) mutation, one then obtains a so-called mutation quiver whose underlying graph is regular.

The goal of this talk will be to discuss recent efforts to better understand the connected components of (the underlying graphs of) mutation quivers of support tau-tilting pairs, in particular using reduction techniques in tau tilting theory and the theory of wall and chamber structures.