

Maximal Cohen-Macaulay modules and generalised cluster categories

Idun Reiten

Norwegian University of Science and Technology

This talk is based on work with Amiot and Iyama. Based on work of Auslander some stable categories of maximal Cohen-Macaulay modules over Gorenstein rings are 2-Calabi-Yau triangulated categories. We discuss sufficient conditions for these categories to be triangle equivalent to generalized cluster categories associated with algebras of global dimension at most two.