

CHROMATIC HOMOTOPY, K -THEORY AND FUNCTORS

CIRM, LUMINY, 23-27.01.2023

MONDAY 17:00 – 18:00, **Constanze Roitzheim** (University of Kent):

How algebraic is a stable model category?

There are many different notions of "being algebraic" used in stable homotopy theory. The relationships between those turn out to be unexpectedly subtle. We will explain the different ways in which a model category of interest can be algebraic, explore the different implications between them and illustrate those with plenty of examples.

This is joint work with Jocelyne Ishak and Jordan Williamson.