

CHROMATIC HOMOTOPY, K -THEORY AND FUNCTORS

CIRM, LUMINY, 23-27.01.2023

MONDAY 10:10 – 11:10, **Viktoriya Ozornova** (Max Planck Institute for Mathematics Bonn):

Equivalences in higher categories.

We will start with recognition criteria for equivalences in (∞, n) -categories, introducing and discussing the latter along the way. From there, we will investigate how the notion of equivalence is encoded in strict higher categories, and time permitting discuss the relation of those notions. This is based on joint work (partially in progress) with Martina Rovelli.