

## CHROMATIC HOMOTOPY, $K$ -THEORY AND FUNCTORS

CIRM, LUMINY, 23-27.01.2023

MONDAY 09:00 – 10:00, **Thomas Nikolaus** (University of Münster):

*Equivariant homotopy theory for infinite groups and THH with coefficients.*

We will explain a new setting of genuine equivariant homotopy theory for infinite groups (like the integers) inspired by work of Kaledin. This is different from the usual approach and allows to prove a comparison to a new relative version of cyclotomic spectra that we introduce (called polygonic spectra). We shall also explain the relation to TR and to Witt vectors with coefficients.

This is joint work with A. Krause and J. McCandless