

Topology Seminar

Tomer Schlank

of Hebrew University will be speaking on

Higher Semi-additivity and Chromatically localized K-theory

on October 30 at 4:30 in
MIT Room 2-131

We shall consider the functor $L_{T(n)}K$ of chromatically localized algebraic K-theory. We shall discuss its interaction with π -finite colimits. This will lead to a possible alternative characterization of this functor as well as results about its interaction with cyclotomic hyper-descent. This is a key input to the proof of the telescope conjecture. This talk is based on joint works with Shay Ben-Moshe, Shachar Carmeli, and Lior Yanovski, as well as with Robert Burklund, Jeremy Hahn, and Ishan Levy.

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