

Topology Seminar

Eva Belmont

of Case Western Reserve University will be speaking on

Computations with the modified Adams spectral sequence

on February 5 at 4:30 in
MIT Room 2-131

Abstract: The modified Adams spectral sequence, which computes the homotopy groups of a Borel-equivariant spectrum, is a combination of the homotopy fixed points spectral sequence and the nonequivariant Adams spectral sequence. One can also use it to read off (completed) \mathbb{R} -motivic homotopy groups, via a synthetic spectra construction. We will explain how to compute it using examples coming from kO_{C_2} and kq . This is joint work with Gabriel Angelini-Knoll, Mark Behrens, and Hana Kong.

For information, write: jhahn01@mit.edu