

Topology Seminar

Liam Keenan

of Brown University will be speaking on

Revisiting some THH computations

on September 16 at 4:30 in
MIT Room 2-131

One of the key inputs to the proof of the celebrated Dundas–Goodwillie–McCarthy theorem is the computation of the topological cyclic homology of a trivial square zero extension. I will explain how to attach to a ring spectrum A and a nonunital (A,A) -bimodule I , a cyclotomic spectrum $T(A,I)$, which can be used to perform the above calculation in a more or less formal way. Time permitting, I will discuss some further properties and consequences of this construction.

For information, write: jhahn01@mit.edu