

Topology Seminar

David Gepner

of The University of Melbourne and University of Illinois at Chicago
will be speaking on

Elliptic cohomology of the unitary group

on September 21 at 4:30 in
MIT Room Zoom

We aim to show that the elliptic cohomology of the (classifying stack of the) unitary group can be calculated as the ring of functions on the Hilbert scheme of points of the associated derived elliptic curve. To this end, we will begin with a discussion of (integral) equivariant elliptic cohomology, due to Jacob Lurie, using the formalism of orbispaces, as developed by myself and Andre Henriques. This is joint work with Lennart Meier.

For information, write: adelayyz@mit.edu