

1154-19-1279

**Sarah L Browne\*** ([slbrowne@ku.edu](mailto:slbrowne@ku.edu)). *E-theory spectra*.

E-theory is an invariant of  $C^*$ -algebras and in particular is a collection of abelian groups defined in terms of homotopy classes of certain morphisms of  $C^*$ -algebras. This makes it a natural object to define in terms of stable homotopy groups. In my talk I will detail the framework we require, namely a spectrum of quasi-topological spaces, to represent the E-theory groups as a stable homotopy theory. I will highlight how we encode the Bott map and the product structure of E-theory in this construction. (Received September 14, 2019)