Topology, Algebraic Geometry, & Dynamics Seminar

Virtual classes of character stacks

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In this talk, I will explain how to construct a Topological Quantum Field Theory to compute virtual classes of character stacks in the Grothendieck ring of stacks. This construction extends the work of González-Prieto, Logares and Muñoz. I will also show a few features of the construction focusing on a couple of simple examples including the affine linear group of rank 1 and the semi-direct product of the multiplicative group G_m with the finite group of order 2.

Date: **Friday, May 13, 2022**
Time: **1:30-2:30 pm**
Place: **Exploratory Hall, Room 4208**

For special accommodations, please contact David Carchedi via email at `dcarched@gmu.edu`.