1060-57-134 Carmen L Caprau* (ccaprau@csufresno.edu), Department of Mathematics, 5245 North Backer Avenue, M/S PB 108, Fresno, CA 93740. Link cohomology and extended TQFTs.

We will describe a Khovanov type cohomology theory for oriented links using foams and a 2-dimensional extended Topological Quantum Field Theory. (Received March 28, 2010)