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**Vyjayanthi Chari\*** (vyjayanthichari@gmail.com), CA. *Generalized Demazure Modules and connections with Cluster Algebras.*

We discuss a presentation of certain generalized Demazure modules for simply laced affine Lie algebras. We relate these modules to the classical limit of a family of prime representations of quantum affine algebras which arise from the monoidal categorification of cluster algebras.

This is based on joint work with Justin Davis, Ryan Moruzzi and Matheus Brito. (Received March 08, 2021)