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The hyperbolic formal affine Demazure algebra

In a recent paper in 2013, A. Hoffnung, J. Malagón-López, A. Savage and K. Zainoulline constructed a generalization of an Hecke algebra starting from a formal group law and a finite root system. In this talk we discuss how to generalize their construction to a Kac-Moody root system in the case of a hyperbolic formal group law. This is joint work with E. Neher and K. Zainoulline.