

Triply graded homology of algebraic links and affine Springer theory

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I will give an overview of what is known about the relationship between HOMFLY homology of algebraic braids and (generalized) affine Springer theory, focusing on type A. I will also state some new results relating to joint projects with Niklas Garner, Dori Bejleri, Minh-Tam Trinh and Cheng-Chiang Tsai.