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**Joel Kamnitzer, Khoa Pham** and **Alex Weekes\*** ([weekesal@math.ubc.ca](mailto:weekesal@math.ubc.ca)). *Hamiltonian reduction for affine Grassmannian slices.*

Generalized affine Grassmannian slices provide geometric realizations for weight spaces of representations of semisimple Lie algebras. They are also Coulomb branches, symplectic dual to Nakajima quiver varieties. In this talk I'll discuss recent work, motivated by this symplectic duality, which proves that neighbouring generalized affine Grassmannian slices are related by Hamiltonian reduction. This result is closely related to the construction of Slodowy slices by Hamiltonian reduction in type A. (Received March 04, 2021)