

Speaker: Hiraku Nakajima

Title: Orthosymplectic bow varieties

Abstract: Bow varieties are hyper-Kaehler quotients introduced by Cherkis as cousins of quiver varieties. Their algebro-geometric properties were studied in my joint work with Takayama. In particular, they are quiver varieties of affine type A and Coulomb branches of quiver gauge theories of affine type A in special cases. In a joint on-going project with Hanany and Finkelberg, we consider their variants called orthosymplectic bow varieties. They are (conjecturally) Coulomb branches of orthosymplectic quiver gauge theories, and have some relation to nilpotent orbit closure for orthogonal groups in special cases.

Note speaker will be on zoom:

Join Zoom Meeting

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