Mathematics & Statistics Colloquium

When: Wednesday, October 1, 2:00 pm - 2:50 pm

Where: Lee Drain Building 400

Nilpotent Hessenberg Varieties
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Hessenberg Varieties are closed subvarieties of the flag variety that generalize Springer fibers. In this talk, we'll define Hessenberg varieties for the general linear group over the complex numbers. We will discuss their geometric properties and show that nilpotent Hessenberg varieties are always connected.