

# DALHOUSIE MATHEMATICS COLLOQUIUM

Thursday April 26, 2:30 pm, Chase 319

Speaker: Peter Crooks

(Institute of Differential Geometry, Leibniz University, Hannover)

*Slodowy slices and Hessenberg varieties*

I will give an overview of some basic invariant theory on Lie algebras, emphasizing concrete examples throughout. This will lead to a description of recent joint works with H. Abe and S. Rayan.