

Western  
Algebraic  
Geometry  
Seminar

# WAGS Fall 2004

Colorado State University

Speaker: Michael Nakamaye

Time: 3:30 pm, Saturday, October 9th

Title: Interpolation on algebraic groups

**Abstract:** Many arguments in transcendental number theory require the existence of a polynomial vanishing to specific order at a large set of points. In order to establish the existence of such polynomials, one requires geometric estimates on the positivity of certain line bundles on algebraic varieties. We will discuss the geometric tools required to obtain such estimates.