LECTURE 1: Wednesday, May 14
“Stability in G.I.T. and its Ramifications” Part I
(Reception at 3:00pm, before the talk, in Room 382-T)

LECTURE 2: Wednesday, May 21
“Stability in G.I.T. and its Ramifications” Part II

both lectures meet at 4:15pm in Building 380, Room 380-W
Abstract:
The lectures will deal with the notion of "stability" introduced by Mumford in Geometric Invariant Theory (G.I.T.). This concept has its origin in the work of Hilbert on invariant theory and plays a crucial role in classification problems in Algebraic Geometry, namely in the construction of moduli spaces. There are deep relationships of the theory with Differential and symplectic geometry, Arithmetic and Mathematical Physics, and some of these connections will be treated.