

Colloquium

University of Notre Dame
Department of Mathematics

Speaker: Eric Riedl

University of Illinois at Chicago



Will give a lecture entitled

Normal bundles of rational curves

Date: Monday, December 11, 2017

Time: 4:00 PM

Location: 127 Hayes-Healy Hall

Departmental Tea: Tea in Room 257 (lounge in Hurley Hall) at 3:30 p.m.

Abstract:

Given Y inside X , the normal bundle of Y in X controls the deformations of Y inside X . This talk will start with a gentle introduction to normal bundles, and then proceed to a study of the normal bundles of rational curves in two well-known types of varieties: projective space and hypersurfaces.