



Speaker: Dylan Rupel
University of Notre Dame

Monday, October 5, 2015

2:00 PM

258 Hurley Hall

Title: Categorification of Rank 2 Quantum Cluster Algebras

Abstract:

Rank 2 quantum cluster algebras are recursively defined subalgebras of the skew-field of rational functions in two q -commuting variables. In this talk I will present a construction of the generators of any rank 2 quantum cluster algebra using the representation theory of valued quivers.