

Colloquium

University of Notre Dame
Department of Mathematics

Speaker: Minhyong Kim

University of Oxford, UK

Will give a lecture entitled

Diophantine geometry and principal bundles

Date: Tuesday, December 4, 2018

Time: 4:00 PM

Location: 229 Hayes-Healy Hall

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

Abstract:

Principal bundles and their moduli spaces have been important objects of study and essential tools in the geometry and topology of manifolds for at least the last 50 years. This talk will describe their applications to number theory, especially the theory of polynomial equations and their rational or integral solutions.