

abstract

Joint IAS-PU Symplectic Geometry Seminar
Topic:

Speaker:

Affiliation:

Date:

Time/Room:

A 7-dimensional Riemannian manifold (M, g) is called a G_2 manifold if the holonomy group of its Levi-Civita connection of g lies inside G_2 . In this talk, I will first give brief introductions to G_2 manifolds, and then discuss relations between G_2 and contact structures. If time permits, I will also show that techniques from symplectic geometry can be adapted to the G_2 setting. These are joint projects with Hyunjoo Cho, Firat Arikan and Albert Todd.