



Speaker: Gudlaugur Thorbergsson
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Tuesday, September 24, 2013
11:00 AM
258 Hurley Hall

Title: Survey on “Taut submanifolds”

Abstract:

A submanifold M of a Euclidean space V is said to be taut if the distance between M and a point of V has the minimal number of critical points that the topology of M allows. In the talk I will give a survey of the basic properties of such submanifolds and explain how the theory can be generalized to submanifolds of Riemannian manifolds. In particular, I will discuss Riemannian foliations all of whose leaves are taut.