BI-CO MATHEMATICS COLLOQUIUM

Ralph Gomez
Swarthmore College

"A Brief Tour of Sasakian Geometry"

Monday, April 8, 2013

Talk at 4:00 – E309
Tea at 3:00 – KINSC Math Lounge, H208

Abstract:

In this talk, we shall take a casual stroll through an odd-dimensional geometry known as Sasakian geometry. This geometry was initiated by Shigeo Sasaki in Japan in the early 1960's and has gained an immense amount of attention in the last decade. One reason for this attention is that Sasakian geometry is a tool that can be used to construct special spaces which are called "Einstein". We will discuss these ideas by together building up a good example. If time permits, we shall discuss more recent results in the area of Sasakian geometry.

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