

Oklahoma State University

Topology Seminar

Title

Minimal Triangulations of 3-Manifolds, Part II: Minimal triangulations of certain infinite families of 3-manifolds.

Speaker: Bus Jaco, OSU

Date: Jan 16, 2018

Time: 3:30 PM

Room: MSCS 509

Abstract: The complexity of a 3-manifold M is the number of tetrahedra in a minimal triangulation, written $C(M)$. We will provide the complexity for several infinite families of 3-manifolds; these are the first (and only as far as I know) results for the complexity of infinite families of 3-manifolds. The families we give include closed, compact and bounded, and cusped 3-manifold families.