Topology, Arithmetic, & Dynamics Seminar

Complex dynamics and elliptic curves

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In this talk, I will explain some connections between modern research in complex and arithmetic dynamics and the classical theory of elliptic curves and rational points. I will begin with the theorem of Mordell and Weil from the 1920's, presented from a dynamical point of view, and I hope to finish with a dynamical proof of a recent result of Masser and Zannier about torsion points on elliptic curves.

Date: **Friday, February 13, 2015**
Time: **2:30-3:30pm**
Place: **4106 Exploratory Hall**

For special accommodations, please contact Sean Lawton via email at `slawton3@gmu.edu`.