Graduate Seminar

Hari Kunduri, Memorial University

Thursday, November 14th, 2013

HH-3017 @ 1 p.m.

Einstein manifolds, black holes and solitons

Abstract:

This talk will give an elementary introduction to Riemannian geometry, focusing on the specific class of Einstein manifolds, which admit canonical metrics. We will then discuss Lorentzian manifolds and their relevance to mathematical physics. In particular we will discuss some recent work on investigating the phase space of black holes and solitons (globally smooth, stationary solutions to Einstein's equations).