

PDE, COMPLEX ANALYSIS AND DIFFERENTIAL GEOMETRY SEMINAR

Guest Speaker: Curtis Holliman
The Catholic University of America

Date: Tuesday, March 19, 2024

Time: 11:00 AM

Location: 258 Hurley Bldg

Zoom URL: <https://notredame.zoom.us/j/98530943143>



Lecture Title:

Analysis of the Cauchy Problem for Camassa-Holm equations

Abstract

We examine the various facets of the analysis of the Camassa-Holm and related equations, including the Degasperis-Procesi and Novikov equations. We will focus on the well-posedness and ill-posedness of these equations, and further examine a number of the interesting properties that they possess that influence their analysis.