

***GRADUATE STUDENT GEOMETRY  
SEMINAR***

**Guest Speaker: Aaron Tyrrell**  
**University of Notre Dame**

**Date:** Friday, September 18, 2020

**Time:** 3:00 PM

**Location:** Zoom

**Zoom URL:** [notredame.zoom.us/j/96302373523?  
pwd=SWZMOTFuRct2UElrdGk0bStjc0M2Zz09](https://notredame.zoom.us/j/96302373523?pwd=SWZMOTFuRct2UElrdGk0bStjc0M2Zz09)



***Lecture Title:***  
**Renormalised Area**

***Abstract***

We will look at renormalised area and a renormalised area formula for 4-dimensional hypersurfaces of Poincare-Einstein manifolds.