

*Department of Mathematics,
University of California San Diego*

Math 258 - Differential Geometry Seminar

Prof. Jingrui Cheng

Stony Brook University

On the existence question of constant scalar curvature Kahler metrics

Abstract:

I will explain the a priori estimates for the cscK equation on a compact manifold, and how to use these estimates to obtain existence when the associated energy functional is “coercive.” If time permits, I will also explain how we can hope to get existence from a more “algebraic” condition, which might be easier to check in practice.

Host: Lei Ni

Wednesday, May 5, 2021

1:00 PM

Zoom with ID 917 6172 6136
