



Department of Mathematics
The Institute of Mathematical Sciences
The Chinese University of Hong Kong

數學系
數學科學研究所
香港中文大學

Phone: (852) 3943 7988 • Fax: (852) 2603 5154 • Email: dept@math.cuhk.edu.hk (Math. Dept.)
Room 220, Lady Shaw Building, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong

Joint Geometric Analysis Seminar

(Part of MIST program)

A Chern-Calabi flow on Hermitian manifolds

Prof. Sisi Shen
Columbia University

Abstract

We discuss the existence problem of constant Chern scalar curvature metrics on a compact complex manifold and introduce a Hermitian analogue of the Calabi flow on compact complex manifolds with vanishing first Bott-Chern class.

Date: 9 February 2022 (Wednesday)

Time: 11:00am – 12:00pm (Hong Kong time)

[Note: Special time.]

ZOOM link: <https://cuhk.zoom.us/j/91805734715>

All are Welcome