

中央研究院數學研究所

Institute of Mathematics, Academia Sinica

Taipei Postdoc Seminar

Speaker: Wei-Bo Su 蘇瑋栢 (本所 Institute of Mathematics, Academia Sinica)

Title : An Introduction to Special Lagrangian Submanifolds and Lagrangian Mean Curvature Flow

Abstract :

Special Lagrangian Submanifolds (Slag) are volume-minimizing submanifolds in Calabi--Yau manifolds, and they are important objects in Mirror Symmetry. However, the general existence theorem for Slags is still unknown. One potential scheme for finding Slags is the Lagrangian Mean Curvature Flow (LMCF), which is the negative gradient flow of the volume functional.

In this talk, I will first introduce the basic notions of Slags and LMCF and then describe some recent results.

Time : 13:30 - 15:00, Wednesday, September 23, 2020

Venue : Lecture Hall 5F, Cosmology Building (NTU Campus) 次震宇宙館 五樓演講廳

Organizer : Wei-Bo Su (Academia Sinica), Peng-Jie Wong (National Center for Theoretical Sciences)

https://www.math.sinica.edu.tw/www/file_upload/conference/2016TPS/index.html

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