

中央研究院數學研究所

Institute of Mathematics, Academia Sinica

Taipei Postdoc Seminar

Speaker : David Wen (National Center for Theoretical Sciences)

Title : Birational Models of Elliptic Fibrations and Beyond

Abstract :

Elliptic fibrations are geometric spaces fibered by elliptic curves and they play an important role in Mathematics and Physics. In mathematics, they turn out to be good test cases for studying techniques and conjectures on fiber spaces with Calabi-Yau fibers and, in physics, many string theory models are associated to elliptically fibered Calabi-Yau varieties. In this talk, we will discuss some results on the birational geometry of elliptic fibrations, their relationship to string theory and as well as higher dimensional generalizations.

Time : 11:00 - 12:30, Wednesday, December 25, 2019

Venue : Room 638, Astro-Math. Buidling (NTU Campus)

Organizer : Sheng-Fu Chiu (Academia Sinica), Jia-Yuan Dai (National Center for Theoretical Sciences)

Refreshment : 10:30

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

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