

# 國立陽明交通大學應用數學系

## 學術演講公告

主講人：王賜聖 博士（中研院數學所）

講題：Towards decompositions of small transitions of  
Calabi-Yau 3-folds

時間：113 年 1 月 24 日(星期三) 下午 14:00 –15:00

地點：(光復校區) 科學一館 223 室

### Abstract

The Calabi-Yau manifolds play an important role in geometry and mathematical physics. There is a small transition process for two Calabi-Yau 3-folds, a small birational contraction followed by a complex smoothing. The simplest one is a conifold transition. In this talk, I will introduce a primitive subclass of small transitions as the building blocks and investigate the relation between conifold transitions and primitive ones.

敬請公告 歡迎參加

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