

# 國立交通大學應用數學系

## 學術演講公告

主講人：陳志偉教授(中山大學 應用數學系)

講 題：Geometric Analysis and Data Representation

時 間：107 年 9 月 11 日(星期二) 下午 14:00 – 15:00

地 點：(光復校區) 科學一館 223 室

茶 會：當天下午 1:30 (科學一館 205 室)

### Abstract

One of the main issue in manifold learning theory is to represent the data set by appropriate embedding maps. Such process is expected to reduce the dimension of the data set and maintain as much geometric structures as possible. One method is to employ eigenfunctions of the Laplacian as embedding functions. Surprisingly, this technique could be applied to tackle problems occurring in an active area in modern geometric analysis - the Ricci flow. In this talk, I will show you the confluence of the Ricci flow and the manifold learning theory.

敬請公告 歡迎參加

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