

國立成功大學統計學系

專題演講

時 間：111 年 06 月 21 日（星期二）上午 10:00 - 11:00

地 點：統計學系三樓視聽教室(62331)

演講者：魏武雄 教授

Department of Statistics, Operations and Data Science
Temple University

題 目：Space Time Series Models

茶 會：上午 9:30 - 10:00（統計學系二樓教師休息室）

Abstract

Although the ordering of a time series is usually through time, it may also be ordered through space. If distances of spaces between observations are equal, the time series models and methods are equally applicable. However, in practice, we often see the phenomenon where regular time series are observed in different regions, and the point of interest is the study of the spatial patterns of these series. For example, in studying a traffic pattern of a certain location, traffic flow data is collected at constant intervals of time not only at that location but also at neighboring locations. In studying the prices of a certain commodity in a city, we not only want to study the price series of that commodity in that city but also the prices of the same commodity in nearby cities. In this talk, we will present methods and models that can be used to describe spatial time series that are related to both time and space.

敬請公佈 歡迎蒞臨 國立成功大學統計學系暨數據科學研究所

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統計學系: <http://www.stat.ncku.edu.tw/news/news.asp>

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