

# 國立中山大學應用數學系

## 學術演講

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講題：Linking the Past with Modern Data Analysis

時間：2023/11/02 (Thursday) 14:10~15:00

地點：理 SC 4009-1 教室

茶會：13:30

### Abstract

In this presentation, we connect classical sequential problems with contemporary data analysis challenges, like big data, federated learning, and computational issues. We'll also borrow insights from statistical experimental design to show how we can effectively choose valuable samples from extensive and complex data for building models. Our methods maintain expected mathematical properties while resolving common computational challenges in big data analysis. We'll use PM2.5 and Covid-19 datasets to illustrate our approach

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