



The Chinese University of Hong Kong  
Department of Statistics

## Seminar

### Data Acquisition, Registration and Modelling for Multi-dimensional Functional Data

By

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#### Abstract

The clustering and classification for functional data with misaligned problems has drawn much attention in the last decade. Most methods do the clustering/classification after those functional data being registered and there has been little research using both functional and scalar variables. In this talk, I will first review some commonly used tools for data registration, followed by discussing a new approach allowing simultaneous registration and clustering/classification and also allowing both types of variables. Numerical results based on both simulated data and real data will be presented.

Date: January 21, 2020 (Tuesday)  
Time: 2:30 p.m. - 3:30 p.m.  
Venue: Lady Shaw Building, Room LT5  
The Chinese University of Hong Kong

ALL INTERESTED ARE WELCOME !!