



統計科學研究所

INSTITUTE OF
STATISTICAL SCIENCE



統計所學術演講



中研院統計所

學 術 演 講

講 題：A functional-data perspective in spatial data analysis - An Introduction of the Argo Data

講 者：Prof. Tailen Hsing (邢泰倫 教授)
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時 間：2023年6月19日(星期一)，10:30-12:00

地 點：統計所B1演講廳

Abstract

More and more spatiotemporal data nowadays can be viewed as functional data. The first part of the talk focuses on the Argo data, which is a modern oceanography dataset that provides unprecedented global coverage of temperature and salinity measurements in the upper 2,000 meters of depth of the ocean. We discuss a functional kriging approach to predict temperature and salinity as a smooth function of depth, as well as a functional co-kriging approach of predicting oxygen concentration based on temperature and salinity data.

※ 實體與線上視訊同步進行。

※ 茶 會：10：10開始。