



統計科學研究所

INSTITUTE OF
STATISTICAL SCIENCE



統計所學術演講



中研院統計所

Promotion Seminar

Title : Degradation Analysis and Optimal Test Plans in
Industrial Statistics

Speaker : Dr. Chien-Yu Peng (彭健育 副研究員)
(Institute of Statistical Science, Academia Sinica)

Time : 10:30 ~ 12:00, Monday, January 29, 2024

Place : Auditorium, B1F, Institute of Statistical Science

Abstract

I will provide an overview of my research since the last review for promotion, with major highlights on degradation analysis and optimal test plans. Some stochastic processes for degradation analysis and the challenges associated with (accelerated) testing plans will be discussed. The developed degradation models and theoretical properties bring the engineering and the statistical communities closer to addressing real-world problems with a solid foundation. Furthermore, I will briefly share my current and future research projects during this talk.

※ Tea reception starts at 10 : 10.

※ Lecture in Mandarin. Online live streaming through Cisco Webex will be available.