



香港科技大學  
THE HONG KONG  
UNIVERSITY OF SCIENCE  
AND TECHNOLOGY



DEPARTMENT OF  
MATHEMATICS  
SCHOOL OF SCIENCE, HKUST

THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY

Department of Mathematics

Summer Research Program 2022

**STUDENT-FACULTY COLLOQUIUMS**

**Introduction to Heavy-tailed Time Series**

By

**Prof. Shiqing LING**

**Abstract**

This talk will first introduce some basic features of time series. We then focus on the heavy-tailed time series and the recent development in this area, including some results related to the heavy-tailed AR-GARCH model and the heavy-tailed co-integration time series.

**Date : 26 July 2022 (Tuesday)**

**Time : 11:00am**

**Zoom Meeting : <https://hkust.zoom.us/j/95096579064> (Passcode: 661832)**

*All are Welcome!*