

DEPARTMENT OF STATISTICS AND ACTUARIAL SCIENCE THE UNIVERSITY OF HONG KONG

50th Anniversary Seminar Series

Professor Dr. Paul EMBRECHTS

Professor of Mathematics, ETH Zurich, Switzerland Hung Hing Ying Distinguished Visiting Professor in Science and Technology, The University of Hong Kong

will give a talk entitled

MODEL RISK, SOLVENCY AND RISK AGGREGATION

Abstract

Value-at-Risk (VaR) and Expected Shortfall (ES) are the two main risk measures widely in use by both the banking and the insurance industry. A major issue concerns the topic of model uncertainty at the level of risk aggregation when only partial (or indeed no) information on the interdependence between the underlying risk factors is known or assumed. I will discuss some results on risk aggregation under dependence uncertainty in the case of VaR as well as ES based risk management.

on

Thursday, November 23, 2017

(Refreshments will be served from 10:45 a.m. outside Room 301 Run Run Shaw Building)

11:00 a.m. - 12:00 noon

at

Room 301, Run Run Shaw Building

<u>Visitors Please Note</u> that the University has limited parking space. If you are driving please call the Department at 3917 2466 for parking arrangement.