



DEPARTMENT OF STATISTICS AND ACTUARIAL SCIENCE  
THE UNIVERSITY OF HONG KONG

40<sup>th</sup> Anniversary Seminar Series

**Prof. Dr. Christian HIPP**

*Lehrstuhl für Versicherungswissenschaft  
Universität Karlsruhe (TH)  
Germany*

will give seminars  
to research students and actuarial science students

**Seminar 4: Monday, March 10, 2008, from 2:00 p.m. – 3:00 p.m.**

Optimal investment for minimizing ruin probability, without and with interest

**Seminar 5: Tuesday, March 11, 2008, from 10:30 a.m. – 11:30 a.m.**

Optimal dividend distribution in Lundberg's model. Optimal dividend distribution under a ruin constraint in a discrete time and state space model

Miscellaneous problems in optimization:

- a) dividend payment
- b) more than one control variable
- c) optimization under a local and a global constraint
- d) optimization in models with hidden variables

at

**Room 524, Meng Wah Complex  
(behind the Chong Yuet Ming Amenities Centre)**

**Visitors Please Note that the University has limited parking space. If you are driving please call the Department at 2859 2466 for parking arrangement.**