



DEPARTMENT OF STATISTICS AND ACTUARIAL SCIENCE
THE UNIVERSITY OF HONG KONG

40th Anniversary Seminar Series

Prof. Dr. Christian HIPP

*Lehrstuhl für Versicherungswissenschaft
Universität Karlsruhe (TH)
Germany*

will give a talk

entitled

CONTROL THEORY FOR INSURANCE PROBLEMS

Abstract

Control theory is a well established subject in finance (Merton's problem, portfolio optimization), but in insurance it is quite recent although insurance offers a large variety of control problems: optimal investment, optimal reinsurance, optimum premium control, optimal portfolio control etc. In the talk we present the problems, method(s) for solution, and numerical results as well as some qualitative results on optimal strategies. We also address problems with more than one objective, as well as problems with unobservable parameters.

on

Wednesday, March 12, 2008

4:00 p.m. – 5:00 p.m.

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.