



**The Hong Kong Polytechnic University  
Department of Applied Mathematics**

**Seminar  
On**

**The Method to Set Margin Levels of Index Futures  
and Its Empirical Study - The Application of EVT**

**by**

**Prof. Guoxiang Xu  
Research Centre for Applied Statistics  
Shanghai University of Finance and Economics**

**Abstract**

The index futures margin level is an important factor to ensure the safe and efficient trading of index futures. On the assumption that other aspects of margin system are fixed and non-arbitrary argument is satisfied, the paper uses EVT to research the margin levels of China index futures with the China unified 300 index as tender, and makes empirical comparison with other calculation methods, such as risk coefficient, EWMA, Risk Metrics. The purpose of this study is to provide a reference to the margin setting when China Index Futures is launched.

**Date : 26 September, 2008 (Friday)**  
**Time : 3:00 – 4:00 p.m.**  
**Venue : Departmental Conference Room HJ610  
The Hong Kong Polytechnic University**

**\* \* \* ALL ARE WELCOME \* \* \***