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Title:
Practical Application of Linear Factor Models in Financial Market

Abstract:
This presentation will focus on how factor models are used by some major investment banks and hedge funds to manage their risk and portfolios. I will first discuss about some factor models used in commercial risk systems. Then we will use those models to work on a few examples, including hedging, performance measurement, risk attribution and risk calculation on a market neutral portfolio. This presentation will answer some interesting questions, such as "Is Capital Asset Pricing Model (CAPM) too simple to use in practice?" and "Do traders use pricing models or regression models to calculate hedging ratio for bonds?"

About the Speaker:
Leon Xin, CFA, is a Director and Market Risk Officer at UBS Global Asset Management. At UBS, Mr. Xin has been working on hedge fund risk management and asset allocation since 2006. From 2001 to 2003, Mr. Xin worked as an associate at the headquarters of Ping An Insurance Company on research projects and financial analysis. Mr. Xin holds a MS on Applied Math from the University of Illinois at Chicago.