PRMIA WEBINAR

Extreme Market Risk Analysis

With Carol Alexander
26th February, 2010
3:00-4:00 pm GMT

Developing quantitative techniques for stress testing portfolios against extreme market moves

- Extreme correlation and covariance matrices
- Extreme skewness and kurtosis
- Regime-switching and Bayesian techniques
- Simulation with exact covariance matrices, and exact higher moments

Professor Carol Alexander is Chair of Financial Risk Management at the ICMA Centre, Henley Business School at Reading. She is also a member of the Board and Chair of the Academic Advisory Council Europe of PRMIA. Prior to returning to academic life in 1999 she was a Director of Nikko Global Securities and Academic Director for Algorithmics. She is the author of the four volume series on *Market Risk Analysis* and has written and edited a large number of other books in finance and mathematics, including PRMIA's *Professional Risk Manager's Handbook*. Carol is best known for her research on volatility, hedging, financial econometrics and mathematical finance; she has published about 100 papers in international academic journals such as the *Journal of Banking and Finance*, the *Journal of Portfolio Management*, the *Journal of Derivatives*, the *Journal of Futures Markets*, the *Journal of Applied Econometrics*, the *Journal of Financial Econometrics*, *Quantitative Finance* and others. Carol's website www.carolalexander.org contains more information on Carol's activities, and in www.marketriskanalysis.com she hosts several discussion forums, answering technical questions on market risk analysis.