MACQUARIE UNIVERSITY APPLIED FINANCE CENTRE

SYDNEY • MELBOURNE • BEIJING • SINGAPORE • TOKYO

Advanced VaR Modelling

presented in conjunction with

Presented by

Elizabeth Sheedy BComm (UNSW), PhD (Macq.)
Macquarie University Applied Finance Centre

Course Synopsis

Advanced VaR Modelling addresses the problems of measuring market risk when returns are not Normally distributed. The course will focus on quantitative tools for estimating Value-at-Risk (VaR) and Expected Tail Loss (ETL). Special attention is paid to the problem of incorporating extreme market events into risk models. The course is intended to meet the growing need in industry for quantitative analysts to model and control financial risks.

Course Content

The following concepts/techniques are taught: historical simulation, Monte Carlo simulation, GARCH models, heavy-tailed distributions, maximum likelihood estimation, model risk and back testing. Case studies and computer workshops will be used to illustrate and apply technical tools and models.

Designed for

Advanced VaR Modelling will primarily be of interest to risk management professionals employed by banks, regulators, fund managers, non-financial corporations and consulting firms. Professionals involved in risk management software development may also benefit, along with financial engineers and traders. Intending course participants should have work experience in financial risk management, should have an interest in and an aptitude for mathematical concepts and should be familiar with Excel spreadsheets.

Presenter

Dr Elizabeth Sheedy is Associate Professor at the Applied Finance Centre and has worked in the finance industry for a number of institutions including Macquarie Bank and Westpac. She co-edited *The Professional Risk Managers' Handbook*.

Course Outline

A detailed outline is available: www.mafc.mq.edu.au/files/short_courses/outline_AVM.pdf

CPD - This training course may contribute to your CPD requirements

When

Monday 19 November 2007
9:00 am to 4:30 pm (lunch provided)

Venue

Macquarie University
Applied Finance Centre,
Sydney Office,
Level 3, 10 Spring Street,
Sydney NSW 2000

Cost

(includes GST, Course Notes, Lunch)

$ 990.00	(for individual attendees)
$ 880.00	(for two or more from one organisation)
$ 770.00	(for MAFC students & graduates and PRMIA Institute members)

Cancellation

Three working days notice is required for a full refund – you can substitute another person from your organisation if you cannot attend

Confirmation

Places are limited so **bookings will be confirmed.**

Registration Form & Tax Invoice

CMBF Limited (ABN 46 003 407 609)

MAFC Short Course Series
'Advanced VaR Modelling' held in Sydney
Monday 19 November 2007

Tax Invoice & Receipt

This document becomes a tax invoice for GST purposes upon completion and payment. Please photocopy and retain as a receipt for your records.

Name

Fee requirement (tick one only) ☐ $990 (regular) ☐ $880 (bulk) ☐ $770 (alumni)

Preferred name on badge / deskplate

Company / Organisation   Title

Company address

Telephone   Facsimile

Email

Please assist us with the following:

How did you learn about this MAFC Short Course? ☐ Advertisement ☐ Website ☐ Word of mouth ☐ Other: ________

Payment Details

1. Please make cheques payable to CMBF Limited.
2. All applications for registration must be accompanied by a full payment.
3. Please complete the following details as required and then sign in the space below.

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Completed forms to: Macquarie University Applied Finance Centre GPO Box 3480 Sydney NSW 2001 • by fax: (02) 9223 6237

Please direct all enquiries to: email shortcourses@mafc.mq.edu.au, telephone (02) 9223 6231, or visit our website at www.mafc.mq.edu.au