



VaR Modelling in Turbulent Markets

Presented by ELIZABETH SHEEDY *BComm (UNSW), PhD (Macq.)*
Macquarie University Applied Finance Centre



Course Synopsis

In the recent market turbulence VaR models at many financial institutions have performed poorly. Some commentators claim that quantitative risk modelling should be abandoned. This course shows that risk models are fixable rather than fundamentally flawed. It addresses the risk modelling issues that are particularly important in times of market crisis; volatility clustering and failure of normality.

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

The course will primarily be of interest to risk management professionals employed by banks, regulators, fund managers and consulting firms. Professionals involved in risk management software development may also benefit, along with financial engineers and traders. The course is taught at a relatively advanced level and assumes aptitude for mathematical concepts as well as familiarity 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 and presenter(s) biographies available from
www.mafc.mq.edu.au/files/short_courses/outline_AVM.pdf

Details

When

Friday 10 Sept 2010
9.00 am to 4:30 pm

Venue

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

Cost (includes GST, Course Notes, Lunch)

\$ 1150 for individual attendees

\$ 1095 for two or more from one organisation

\$ 995 for MAFC students & graduates & RMA members

Cancellation Three full working days notice is required for a 100% refund. You may substitute another person if you cannot attend.

Cancelled courses MAFC strives to hold courses as scheduled. However, we reserve the right to cancel courses in circumstances beyond our control. Registration fees will be reimbursed. MAFC is not liable for any travel-related or accommodation expenses that might be incurred.

Confirmation Places are limited so bookings will be confirmed by email.

CPD This training course may contribute to your CPD requirements

Registration Form (including Tax Invoice & Receipt) • CMBF Limited (ABN 46 003 407 609)

This document becomes a tax invoice for GST purposes upon completion & payment. **Please photocopy and retain as a receipt for your records.**
Please e-mail enquiries to: mafc.exectraining@mq.edu.au, telephone (02) 9223 6231, or visit our website at www.mafc.mq.edu.au

MAFC EXECUTIVE TRAINING YOU ARE REGISTERING FOR:

'VaR Modelling in Turbulent Markets' held in Sydney on Friday 10 Sept 2010 (in partnership with PRMIA)

Registration details:

Title	First Name	Last Name		
Fee requirement (tick one only)	(regular)	(bulk & RMA)	(alumni)	
	<input type="checkbox"/> \$1150 per person (incl. GST)	<input type="checkbox"/> \$1095 per person (incl. GST)	<input type="checkbox"/> \$995 per person (incl. GST)	
Preferred name on badge / deskplate				
Company / Organisation		Position		
Company address				
Telephone		Facsimile		
Email				
List any special dietary requirements				

Please assist us with the following:

How did you learn about this MAFC Executive Training Course?

- Email Advertisement Website
 Word of mouth Other: _____

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

Payment details

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

1 Payment method (tick one only)

- Cheque (Cheques please complete step 3 below)
 Visa } (Credit Cards please fill in step 2 and step 3 below)
 MasterCard }

2 For credit card payments

Card Number

Expiry Date Amount (includes GST)

3 Payer details

Not valid unless signed

Credit Card Holder / Cheque Account Name

Signature (for Tax Invoice purposes)