The xVA Challenge

Example Course Outline

Day 1	Day 2
1. Background • Historical overview • Current trends and challenges • Accounting standards • Regulation • What is xVA?	**5. Modelling and Data** • Proxy spread approaches • LGD estimation • Exposure simulation • Calibration • Collateral modelling
2. Counterparty Credit Risk • xVA metrics: EV, EPE and ENE • Mitigation of counterparty risk • Incremental exposure • Collateral and the margin period of risk (MPoR)	**6. Funding and FVA** • Funding and discounting • Banks approach to FVA • FVA formula and link to discounting • CVA/DVA/FVA framework • Asymmetric FVA
3. Collateral and discounting • Collateral discounting • Interest rate parity • ColVA • Collateral optionality • Cross currency products	**7. Capital and Initial Margin** • Capital methodologies • Return on capital and KVA • FRTB and BA-CVA / SA-CVA • Initial margin methodologies • ISDA SIMM™
4. CVA • CVA reporting by banks • CVA formula • Regulatory CVA • Bilateral CVA and DVA • Incremental CVA	**8. Managing xVA** • Bank approaches to xVA • Hedging xVA volatility • Beta hedging • Hedging and capital relief • P&L explain

JON GREGORY

jon@cvacentral.com www.cvacentral.com

Jon Gregory Biography

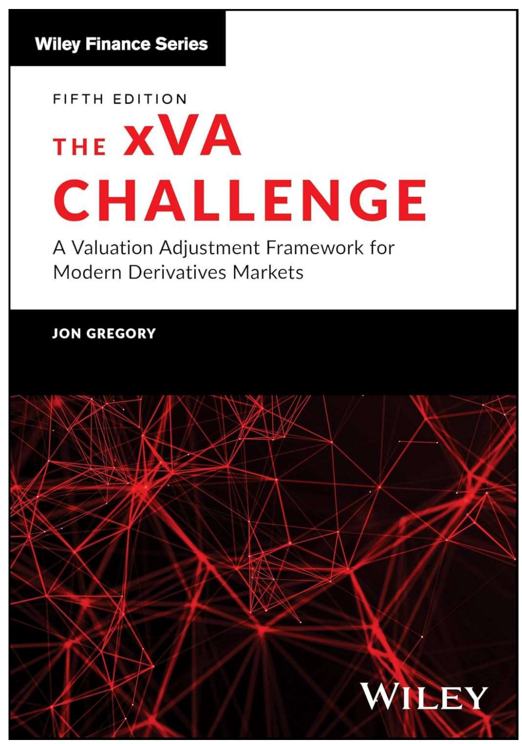
Jon Gregory is an independent expert specialising in counterparty risk and xVA related projects. He has worked on many aspects of credit risk in his career, being previously with Barclays Capital, BNP Paribas and Citigroup. He is author of the book "The xVA Challenge: A Valuation Adjustment Framework for Modern Derivatives Markets" (now in its fifth edition) and "Central Counterparties: The Impact of Mandatory Clearing and Bilateral Margin Requirements on OTC Derivatives". He is a consultant for the World Bank Group, a senior advisor for Solum Financial Derivatives Advisory and a faculty member of the Certificate of Quantitative Finance (CQF). He serves as a Managing Editor of the journal Quantitative Finance.

Jon holds a PhD from Cambridge University.

Suggested Course Timings

In-person: two full days or four half-days
Online: four half-days

Course can be customised in terms of content and may be lengthened or shortened as required.



JON GREGORY