



FX Options and Structured Products- Best Practices

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Associate Partner



مركز الدراسات المتقدمة والتدريب
Advanced Studies and Training Centre



Dubai, UAE

Strategic Partner

FinIQ

The Financial Engineering Company

Course Fee's

- **UAEFMA Members: US\$ 350**
- **Non-Members: US\$ 750**



About FinIQ:

World's leading trading platform for FX, Options, Derivatives, Bonds, Equities and Market linked structured products | Helps retailizing treasury and markets products by improving distribution | Used by 38 banking groups in Asia Pacific | Supports Price discovery, Order management, Best execution, Pricing models, Life cycle management, Collateral, Risk & Back office.

Learning outcome:

Upon completion of the course, Participants will get in depth knowledge of **FX** and have a full understanding of which **FX-linked structured products** are commonly traded. Participants will be equipped with the deep knowledge and skills related to, FX Structured Products in Wealth Management, Structured Products Litigation in FX/IR markets, and FX Structured Products for Corporates, FX Market Data and Smile construction in the light of comprehensive example, simulation exercises and case studies.

Who Should Attend?

- ⇒ Quants/ Financial Engineers: To learn how the products are used
- ⇒ Traders: To deepen the technical background
- ⇒ Risk Managers: To understand the front-office way of thinking
- ⇒ Structures: To learn more about pricing and models
- ⇒ Researchers: To understand the practical matters
- ⇒ Sales People: To get the overview of product development and smile adjustments

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Course Content

FX Structured Products in Wealth Management

- Examples
- How to structure products
- Performance-linked investments (PLI) with case study
- Dual Currency Investments (DCI) with case study

Structured Products Litigation in FX/IR markets

- FX-linked swaps
- Case study on Ratio spreads in TRY
- Sick floans with case study how a municipality got trapped
- CFDs on brokerage platforms
- Claims with FX exotics

Case study on IR swap linked to EUR-CHF self-quanto options

FX Structured Products for Corporates

- Currency Risk
- FX Forwards and Options
- Structured Forwards with worst case
- Case Study on Indian Importers and Exporters
- Accumulators and Target Forwards
- Case Study on HNWI's investment loss and how to avoid it
- Term sheets / Deal confirmations

FX Market Data and Smile construction

- ATM, Risk Reversals and Butterflies
- Delta notions, Smile construction
- Interpolation via SVI, SABR, splines, polynomials
- Relevance of Smile surface for trading on platforms and exotics
- Black-Scholes Greeks, Smiled Greeks and Model Greeks

Case study with real market data examples and hidden arbitrage

First Generation Exotics

- Barrier and Touch contracts pricing without and with smile
- Replication and hedging
- Overview of market makers' models (vanna-volga, stochastic local volatility)
- Applications of First Generation Exotics

Case study on the One-Touch, mustache, model risk

MEET YOUR TRAINER



Prof. Dr. Uwe Wystup

Uwe is an extremely experienced practitioner in the field of foreign exchange options, a senior academic and a highly engaging trainer. He has worked as financial engineer, trader and structurer at Deutsche Bank, Citibank, UBS, Sal. Oppenheim and Commerzbank. He is founder and managing director of MathFinance AG, a global team of financial engineers providing consulting / software for FX Options desks. As an FX Options international expert in both academia and practice, Uwe is well known for his many publications on FX Exotics and related topics. His 2002 book on Foreign Exchange Risk has become a market standard. The second edition of his book on FX Options & Structured Products was published in 2017 as part of the Wiley Finance Series and a new one on Modeling Foreign Exchange Options will appear soon in the same series.

His academic career began with his PhD in mathematical finance from Carnegie Mellon University and evolved to his current role as Professor of Financial Option Price Modelling and Foreign Exchange Derivatives at University of Antwerp and Honorary Professor of Quantitative Finance at Frankfurt School of Finance & Management

For Information *and* Registration Please Contact Us:

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