lpa : academy

making your points

Combined Seminar Currency and Interest Rate Management

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Compact Seminar FX and FI.

Your clients focus more and more on the topic of derivatives. Different client groups, such as companies, public sector and real estate, show an increasing interest in interest rate and currency products and expect good answers from their bank. Addressing the theoretical foundations of the pricing of derivatives as well as the confident handling of questions concerning the reward and risk design are more important than ever. The seminar offers a comprehensive insight into these areas. The goal is to provide a basic understanding of tools and products in order to be able to deal with clients and colleagues in a confident manner. After successful completion, you will be able to understand simple and complex products in the interest rate and currency management, and to convey your knowledge to colleagues.

Seminar Content:

We will cover the following topics:

- Option Valuation
- Basics of Interest Rate Derivatives
- Day Count Fractions and Conventions
- Yield Curves and Interest Rate Forwards
- Exotic Option Types
- Structured FX, MM and FI products

The Topics will be depicted and accompanied by numerous exercises – in particular by using EXCEL and the software system Captano.

The seminar will be held in the form of interactive lectures, which are accompanied by intense exercise periods.

Target Audience:

Employees from the areas of sales and trading, corporate client service and back office.

Our strengths:

- **Many years of experience in practical seminars**
- **Completely practice-oriented**
- **Computer-assisted approach**
- **Detailed seminar documents**

Seminar Dates:

Duration: 5 days
Participants: up to 12 employees
Location: premises of LPA in Frankfurt
Trainer: LPA consultant
Costs: € 2.990,-(non-clients of LPA)
€ 1.495,-(clients of LPA)

Registration and Information:

by phone: +49 (0) 69 / 97 14 85 – 0
by e-mail: registration@l-p-a.com

Seminar Schedule.

Day 1:

10.00 a.m. Welcome!

- Words of welcome by the trainer
- Distribution of seminar materials
- Objective of the seminar
- Introduction of seminar participants and their expectations
- Repetition of Interest Theory

10.30 a.m. Options Basics

- Call/Put definition
- Derivative products: motivation of clients
- FX structures – special features
- Price factors of options
- Calculation of forwards
- Put-call parity
- Intrinsic value and time value

1.00 p.m. Lunch Break

2.00 a.m. Introduction to Option Pricing

- Valuation of expected value and duplication
- One-period model and binomial model
- Black-Scholes modell
- Volatility and smile curve

6 p.m. End of First Day

Day 2:

9.00 a.m. Greeks and Delta Hedging

- Spot sensitivities (Delta / Gamma)
- Delta-Hedging
- Volatility sensitivities and special features of exotics
- Theta and Rho

1.00 p.m. Lunch Break

2.00 p.m. Structured FX and MM Products

- Knock-in Forward
- Bonus Knock-in Forward
- Participation Knock-in Forward
- Bonus Participation Knock-in Forward
- Flip and Participation Deposits / Swaps

6.00 p.m. End of Second Day

Day 3:

9.00 a.m. Interest Rate Theory I

- Interest Calculation
- Day Count Conventions
- Business Day Conventions
- Bonds: Effective Yield
- Bonds: Duration, Modified Duration, Macauley Duration

1.00 p.m. Lunch Break

2.00 p.m. Interest Rate Theory II

- Bootstrapping of Zero-Rates
- Forward-Rates: calculation, derivation, forwards and yield curves
- Par Rates and Swap Rates: calculation, derivation, ralation to yield curves, frequency and amortisation process

6.00 p.m. End of Third Day

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Seminar Schedule.

Day 4:

9.00 p.m. Structured Hedging Products I

- Participation Interest Rate Swap
- Product Variations
- Interest Rate Swap with Participation
- Product Variations

1.00 p.m. Lunch Break

2.00 p.m. Structured Hedging Products II

- Cap Variations with Contingent Premium
- Digitale Swap Variants

6.00 p.m. End of Fourth Day

Day 5:

9.00 a.m. Structured Optimization Products I

- Interest Rate Differential Swaps
- Interest Rate Swap with Contingent Premium
- Interest Rate Swap with a One-off Interest Determination

1.00 p.m. Lunch Break

2.00 p.m. Structured Optimization Products I

- Memory Swap
- Digital Memory Swap
- Memory Spread Interest Rate Swap
- Callable Swaps

5.30 p.m. Final Discussion

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