LES SOLUTIONS FORMATION & CONSEIL DE L'ECOLE SUPERIEURE DES AFFAIRES

Expert Finance Training:
« Portfolio Management »

Dates : 2008, November, 25-27

Speaker : Dr. Emmanuel JURCZENKO

289, rue Clemenceau **Beyrouth**
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LEARNING OUTCOMES

This course studies the asset allocation decisions and overall management of the risk and return characteristics of portfolios. It focuses on quantitative approaches to portfolio optimization, including strategies to control risks and to achieve investment goals and a description of the money management industry.

TARGET

Traders, juniors and senior managers concerned with portfolio management.

DURATION 3 half-days

DATES 2008, November 25-26-27

TIME 9 am – 1.30 pm

RATE

$715 TTC

$605 TTC (special rate for ESA alumni)

PLACE Campus de l'ESA,
289, Clemenceau Street, Beirut (no parking in the campus pls).

LANGUAGE English

SPEAKER

Dr. Emmanuel JURCZENKO

Dr Emmanuel Jurczenko has a Finance Doctorate from Paris I Panthéon-Sorbonne University. He is Professor at ESCP EAP School of Management and ESA and teaches courses from Introduction to Finance, Portfolio Management, Capital Markets, Portfolio Theory, Derivatives and Risk Management. He is the co-founder and Treasurer of the Association Finance-sur-Seine and Member of the Association Française de Finance.

PROGRAM

Part 1.

The theoretical foundations and Applications of the Mean-Variance Portfolio Analysis

1. Mean Variance Theory

The limits of mean variance analysis, the efficient portfolios, the case of two assets, portfolio risk diversification and the efficient frontier.

2. The general case of N risky assets

The efficient frontier with and without a riskless asset, the portfolio diversification and the marginal risk contribution, the investor's decision, the utility maximisation and the shortfall constraint

3. Implementing the Mean-Variance

Analysis Simplifying portfolio construction, Market model and multifactor models, Estimation and Model Risk, Outliers deletion technics, Resampling methods and Robust estimators, Conditional estimates and information set enlargement.

4. Alternative decision Criteria

Shortfall analysis, asymmetric risk measures, Multi-moment efficient frontier and geometric mean.

Part 2.

The Capital and Arbitrage Asset Pricing Models and their Applications

1. The Capital asset Pricing Model (CAPM) and extensions

The standard formulation of Sharpe-Lintner-Mossin, The CML and SML, applications in valuation, security selection and performance measurement and some CAPM extensions.

2. Tests and Limits of the CAPM

Empirical tests, ex-ante and ex-post versions, beta instability, the Rollian critic and the unobservability of private information sets.

3. The Arbitrage Pricing Theory (APT)

Hypotheses and notations, simplified demonstration, portfolio performance and risk management applications.

Part 3.

Asset Allocation and Portfolio Strategies

1. *The Basics of Asset Allocation*

The different steps of the asset allocation process (SAA, TAA and security selection), performance attribution of a domestic and international portfolio.

2. Portfolio Management Strategies
Theoretical foundation of passive versus active portfolio management (informational market efficiency), Index full and statistic replications, portfolio insurance methods (stop-loss, OBPI, CPPI and
DPPI) and structured products. Tactical Asset Allocation models and Security/fund selection methods.

3. Investment Funds and Performance Measures
The Global, European and French Mutual Fund market, Global Investment Performance Standards (input data and construction methodology, composite construction, and reporting); usual risk measures, absolute and relative performance measures and professional ranking performance measures (Morningstar, Lipper, S&P and CityWire).

Manual

- Elton E., M. Gruber, S. Brown and W. Goetzmann, (2003), Modern Portfolio Theory and Investments Analysis, John Wiley and Sons, 6th Edition, 702 pages.

Complementary References:
- Chincarini L., D. Kim, (2006), Quantitative Equity Portfolio Management, McGraw-Hill, 658 pages.
- Lee W., (2000), Theory and Methodology of Tactical Asset Allocation, Frank J. Fabozzi Associates, 149 pages.
- Global Investment Performance Standards (GIPS®), CFA Technical Document, 2006, 50 pages.