

Risk Management for Banking & Financial Institutions (Webinar)

Seminar's Duration

One day - 9 hours

The Online Seminar

In the current turbulent economic environment of Coronavirus, extreme events and black swans, Risk Management for Banking & Financial Institutions is addressed to a cross-disciplinary field relying on the techniques and methods of financial econometrics, mathematical optimization and stochastic calculus. This executive training seminar is based on two fundamental principles: Sound theoretical content and highly practical value. Participants will acquire an in-depth grasp of the underlying knowledge which underpins many of the quantitative techniques exploited in the area of modern banking and investment analysis. The seminar's unique and special feature is the 'teaching-by-example' approach, since all models shall be practically demonstrated on a real-time basis. Attendees will gain exposure to the training technics of Professors Xidonas and Delis, as well as their guest speakers, all leading experts in the area. The seminar will include interactive discussions with the instructors.

Who Should Attend?

The seminar constitutes a crash, yet thorough course educational product, especially conceived for bankers and investment professionals, whose business scope is strongly related to the credit and asset management industry.

Highlights

- Learn how to implement various types of banking, credit and asset risk models
- Solid coverage of all banking risks and credit performance mechanics
- Find out how to apply cutting-edge portfolio construction risk prototypes
- Strong applied dimension with integrated real market data applications
- Unique 'teaching by example' educational approach
- Real-time real-world practical case-studies and demonstration of all models
- Panel discussions with field leaders

Professional Scope

- The seminar shall be particularly Useful/ relevant for:
- Bankers
- Risk managers
- Credit executives
- Portfolio managers
- Fund managers
- Wealth managers
- Investment advisors
- Investment products salespeople
- Sophisticated private investors
- Academic researchers

The Seminar's Program

09:00-10:30 Risk Analysis

- Probability distributions
- Financial statistics
- Delta normal VaR
- Conditional VaR
- Historical simulation
- The Coronavirus shock
- Bootstrapping VaR
- Extreme Value Theory
- Wiener processes
- Monte Carlo simulation
- Portfolio bootstrapping
- EWMA models
- GARCH models
- Autocorrelation & the Ljung-Box test
- ARMA & ARIMA models

10:30-10:45 Break

10:45-12:15 Portfolio Risk Models

- Calculation of VCV matrices
- Mean-Variance portfolio optimization
- Strategic asset allocation with return views
- Mean-VaR portfolio optimization
- Calculating the market portfolio
- Efficient frontier with CML
- The SIM regression mechanics
- Risk analysis with the SIM
- Portfolio performance evaluation
- Testing CAPM
- Portfolio MAD
- Portfolio optimization with genetic algorithms
- Portfolio optimization with scenarios
- Portfolio optimization with transaction costs
- Strategic asset allocation with MIQP

12:15- 13:15 Break

13:15-14:45 Bank Capital, Risk & Performance

- Measures of bank capital and risk
- Measures of bank performance
- Panel data of banks
- The fixed effects model of banks
- The interplay between capital, risk, and performance
- Determinants of bank capital and non-performing loans
- Determinants of bank performance
- Stress testing banks
- The Coronavirus shock on bank capital and credit risk

14:45-15:00 Break

15:00-16:30 Bank Regulations and the Macroeconomic Environment

- Capital and liquidity requirements
- The effect of bank regulations on bank lending
- Lending implications of stress tests
- Conventional monetary policy
- Unconventional monetary policy
- Monetary policy and bank capital
- Monetary policy and bank risk
- The Coronavirus shock on bank lending

16:30-16:45 Break

16:45-18:00 Discussion

Credits

Members of CFA Society Greece will receive 4 PL Credits for their participation in this seminar.

The Instructors

Dr. Panos Xidonas is Full Professor of Finance at ESSCA Grande École
(<http://www.essca.fr>)

Dr. Manthos Delis is Full Professor of Finance at Montpellier Business School
(<https://www.montpellier-bs.com>).

Cost

Early bird registration until **June 12, 2020: EUR 290**

After June 12, 2020: **EUR 390**

Contacts

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Instructors



Dr. Xidonas is Full Professor of Finance at ESSCA Grande École. He publishes his research in journals, such as the *European Journal of Operational Research*, the *European Journal of Finance*, the *Quantitative Finance*, the *Annals of Operations Research* etc. Dr. Xidonas possesses substantial experience in conducting large scale theoretical and applied research. Moreover, he has an extended consulting track record as a quantitative investment strategist, having delivered premium advice within the underlying industry.



Dr. Delis is a Professor of Financial Economics and Banking at Montpellier Business School. His current research interests cover the role of finance (especially bank credit) in the real economy (firm borrowing and investments, household finance, income inequality, etc.). More than 40 of his papers are published in the top journals of his field. His research has been cited more than 5,000 times and ranks in the top 1% in the world (last 10 years).



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