



**MALTA STOCK EXCHANGE  
INSTITUTE**

**TOWARDS A  
BRIGHTER  
FUTURE**

# Fundamentals of Financial Markets Risk Management

## Course No 412

This course covers material relating to the understanding of the theoretical foundations that underpin modern investment and risk management techniques.

Participants will gain a solid foundation in risk management by learning how to identify, assess and mitigate risks.

They will learn how risk managers manage risk relating to equity, fixed income and other financial products, and appreciate the evolution of derivatives as risk management instruments.

Financial and operational risk will be covered extensively as will hedge techniques using futures, forwards and options.

## Sample Topics Covered:

Definition of money and capital markets

Capital market instruments: fixed-income, equity, etc.

Managing risk with futures, options, forwards and swaps

Options and futures hedging techniques

Interest rate and liquidity risk

Operational risk scenarios

Measuring risk sensitivities of single name credit derivatives

The classification of risks

Risk and the role it plays in portfolio management

The due diligence process

Statistical methods – variance and skewness

Value at risk

Liquidity, systemic and foreign exchange risks

Building hedging strategies

Understanding operational risk scenarios

Risk within the AIFMD context

Duration and convexity

## General Information

<b>Time:</b>	13.30 - 16.00hrs
<b>Venue:</b>	Malta Stock Exchange <i>Subject to COVID-19 related restrictions</i> Online
<b>Level:</b>	Advanced

## Schedule

<b>Duration:</b>	20 hours
<b>Dates:</b>	11, 14, 15, 16, 17, 18, 21, 22 November

## Target Audience

This course requires attendees to have an intermediate understanding of the financial markets and the portfolio management process in particular. The public, students, portfolio and risk managers, industry practitioners and accountants are invited to attend.

Registration fee: **€295 per participant**

- Full time student (50% discount)
- Senior citizen (50% discount)
- Group booking of 4 or more applicants from the same Organisation (10% discount)

Applications are to be made by clicking the **'apply now'** button and completing the online application process.

### Malta Stock Exchange Institute Ltd.

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## Lecturer

Dr Karl Strobl



Dr Karl Strobl is Head of Advisory at Ashima FexServ and a professional investor with two decades experience of building and heading successful businesses both in investment banking and asset management, and as an advisor to hedge fund start-ups and financial institutions. He was one of the longest-serving members on the

divisional executive committee of Deutsche Bank's Asset Management division, a firm with assets under management of €600bn. There he served as Global Head of Equity Trading, and built and headed both the Global Structured Products and the Retirement Solutions businesses. Dr Strobl held various positions at ABN Amro Bank (1997 – 2005), including: building and heading the global exotic products trading desk; global head of retail products trading; proprietary trader; and quantitative analyst. He worked as a lecturer in the fields of particle physics and cosmology at Sussex University, UK. He holds a PhD in applied mathematics and theoretical physics from Cambridge University. He also studied in Vienna and Nashville in the U.S. He also lectures at the University of Malta, works as a consultant to banks, asset managers and wealth managers, and serves on the External Advisory Board of the Malta Stock Exchange. He is a blogger and a frequent guest speaker abroad, on issues of sustainability in the financial system, demographics, statistics, game theory, and Big Data.

Cheques to be made payable to: Malta Stock Exchange Institute Ltd.

### Payments by bank transfer

Bank: Bank of Valletta plc  
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