

EAA Webinar “Credit Risk Modelling for Solvency II”

6 December 2016 | 10:00 - 12:00 CET

Organised by the EAA - European Actuarial Academy GmbH.

Introduction

In the current low interest rate environment insurance companies are increasingly investing in assets providing more competitive yields within their risk budget. Many of these investments are related to taking credit risks where investors are compensated for these risks with an additional yield. The webinar covers how credit risk is treated under Solvency II, both in the standard formula and in an internal model architecture. It describes typical challenges for credit risk models and best practice approaches how to deal with them. Therefore, our presenter Dr Mario Hörig will introduce state-of-the art approaches for credit risk modelling. The webinar will contain a detailed case study comparing the credit risk assessment for a typical asset portfolio of insurance companies under the standard formula with the capital requirement resulting from other models. Furthermore, the webinar will demonstrate the use of credit risk models in the context of Solvency II for managing the investment strategy.

This webinar is for practitioners who want to gain a deeper understanding of state of the art techniques for credit risk modelling in the context of Solvency II.

Participants

The webinar is open to all interested persons.

Technical requirements and test session

Please check with your IT department if your firewall and computer settings support webinar participations (the programme GoToWebinar is used for the webinar). Please also make sure that you are joining the webinar with a stable internet connection.

On 29 November 10:00 – 10:30 CET there will be a test session offered to all registered participants to test the software. Participation is voluntary.

Purpose and Nature

The aim of this webinar is to provide an overview on credit risk modelling for Solvency II, including state of the art approaches, industry best practices and a detailed case study applying these models.

Lecturers

Dr Mario Hoerig, Principal, Milliman

Mario Hoerig is a Principal, co-leading Milliman's German life practice. Mario focuses on quantitative modelling under Solvency II (economic scenarios generators for risk-neutral and real-world purposes, ALM studies, risk factor modelling for Solvency II, risk aggregation and capital management) and advises some of the largest insurance companies in Europe on these topics. He has extensive experience with the implementation and validation of credit risk models in the context of Solvency II.

Within the webinar, Mario will show how credit risk can be modelled under Solvency II and how this impacts insurers abilities to efficiently manage their investment strategy.

Language

The language of the webinar will be English.

Programme

Tuesday, 6 December 2016.

10:00 – 12:00 CET

Topics:

- Credit risk under Solvency II: Introduction, terminology (spread risk, migration risk, default risk) and affected modules
- Fundamental relationships and mechanics of credit risky assets
- Challenges (availability of data, separating spread/migration/default risk while properly modelling the risk premium, fat tails, dependency modelling and diversification/concentration)
- State-of-the art models and paradigms for credit risk assessments under Solvency II
- Case Study: Credit risk assessment of EUR corporate bonds / Standard formula vs. benchmark models
- Outlook: Benefits and future developments

Fees & Registration

Please register for the webinar by using our online registration form at www.actuarial-academy.com as soon as possible because of the expected demand. If there are more persons interested than places available we will give priority to the registrations received first. After your registration, you will receive further log-in details to join the webinar. There will be a test session before the webinar.

Your registration is binding. Cancellation is only possible up to 2 weeks before the first day of the event. If you cancel at a later date, the full participation fee is due. You may appoint someone to take your place, but must notify us in advance. EAA has the right to cancel the event if the minimum number of participants is not reached.

The registration fee is € 100.00 plus 19 % VAT.

Please always give your invoice number when you effect payment. All bank charges are to be borne by the participant. We will send you an invoice, please allow a few days for handling.

CPD

For this webinar, the following CPD points are available under the CPD scheme of the relevant national actuarial association:

Belgium:	individual accreditation
Bulgaria:	individual accreditation
Croatia:	individual accreditation
Czechia:	individual accreditation
Estonia:	2 hours
Germany:	2 hours
Hungary:	2 hours
Italy:	GdLA individual accreditation
Netherlands:	individual accreditation
Russia:	individual accreditation
Slovakia:	individual accreditation
Slovenia:	individual accreditation
Switzerland:	individual accreditation

No responsibility is taken for the accuracy of this information.