



**Prime Re Academy** – stands for reengineering the academic state-of-the-art into practical applications. It is a “refinery” of useful techniques and important methods, in which longstanding PRS experts train other insurance professionals with hands-on workshops.

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**AKTUAR** is delighted to invite you to attend next June 2025 in Vienna a Prime Re Academy workshop focusing on

### **Reinsurance Optimization**

Reinsurance is equally important for solvency practitioners as for reinsurance actuaries endeavoring to master the fundamental risk transfer concepts and the respective actuarial techniques.

This 2-days workshop teaches the participants the theoretical knowledge they need to price and structure reinsurance programs, and it enables them to put this acquired know-how into practice on the spot. In the course of the workshop, we shall design increasingly complex reinsurance treaties, price them, and design the most efficient risk transfer program. In particular, we will consider:

- fundamentals and purpose of reinsurance
- proportional and non-proportional reinsurance
- experience and exposure rating
- long tail lines of business
- expenses and risk loadings
- reinsurance optimization

The workshop addresses both the underlying theory and concepts as well as their practical implementations with Excel® templates. In particular, it will enable the participants to try out the techniques directly on their own laptop and apply them later in their daily chores.

### **Target Group**

The workshop is designed for professionals and students who are interested in actuarial and financial modelling. Participants do not need to be fully qualified actuaries; however, they will benefit from a good command of Excel® (without VBA) and some familiarity with elementary concepts of insurance, statistics and stochastic modelling.

## Conceptual framework

The Prime Re Academy workshops are of technical nature and structured such that theory and practice alternately complement each other, creating a lively learning platform. We simultaneously present on **two separate screens** the theoretical foundations in PowerPoint® format and the matching practical applications on an Excel® platform. Thanks to the interlocking of theory and practice, the course contents can be taught in a most efficient manner and the participants can be challenged intensively.

**Participants should bring along their own laptops** so that they can implement and test the theoretical concepts with the Excel® templates we will hand over to them.

Moreover, to enhance the international learning experience and networking, the workshop includes **joint dinners and lunches**: this way the participants quickly get to know each other and the lecturers, so that promptly a dynamic atmosphere of mutual challenge and know-how transfer sets in. In particular, we encourage the participants to steer the focus of the workshop according to their current needs, for instance with more emphasis on life or general insurance business.

## Dates and Schedule

Tuesday, 10 June 2025	08.30 – 09.00	<i>registration</i>
	09.00 – 12.30	<i>workshop</i>
	12.30 – 14.00	<i>lunch</i>
	14.00 – 18.30	<i>workshop</i>
	18.30 –	<i>dinner</i>
Wednesday, 11 June 2025	09.00 – 12.30	<i>workshop</i>
	12.30 – 14.00	<i>lunch</i>
	14:00 – 18.30	<i>workshop</i>
	18.30 –	<i>dinner</i>

## Details

More details on the workshop and its contents:

<https://www.prime-re-solutions.expert/events/reinsurance-optimization>

Testimonials from participants to previous instances of the workshop:

<https://www.prime-re-solutions.expert/testimonials-from-participants>

## Fees

**EUR 1'300** regular price

**EUR 800** for students and unemployed participants

These fees include:

- the workshop
- the attendance certificate
- the documentations
- the Excel® templates
- the dinners and lunches
- all taxes

They will be refunded in total if the workshop must be cancelled.

## CPD Credits

The participants will receive a certificate they can submit to their CPD committee. Members of the Swiss Actuarial Association will automatically be credited with 16 CPD points.

## Registration

Online:

<https://www.prime-re-solutions.expert/events/reinsurance-optimization>

## Venue

Conveniently located next to Vienna's main train station

[AKTUAR – Wiedner Gürtel 13, Turm 24 – 1100 Wien, Austria](#)

Dress casual and comfortable.

## Contact

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Venue: [johannes.wirius@a-vm.at](mailto:johannes.wirius@a-vm.at)  
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## Lecturer



### **Dr Frank Cuypers**

Has led numerous actuarial engineering and modeling courses and workshops in Europe and Latin America. He comes with vast lecturing experience and a prominent scientific track-record in modeling complex systems. As a former Swiss Re Executive and Chief Actuary of Zurich Re, he has gained broad expertise in most actuarial disciplines

and lines of business, which he now deploys to advise leading insurers & reinsurers and Government Agencies with bespoke technical solutions. He is a fully qualified member of the German and Swiss Actuarial Associations, and for 5 years he chaired the Board of ASTIN.

