

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.

Prime Re Academy is pleased to invite you to attend its workshop in Zurich, Switzerland, in October 2017. Focus will be set on the following topic:

Risk, Capital and Solvency Models – an ORSA Perspective

The Swiss Solvency Test was implemented almost a decade ago and the experiences made with this tried-and-tested Swiss solution can serve as a basis for building quantitative risk, capital and solvency models for the purpose of an ORSA. The workshop familiarizes the participants with the tools they need to implement risk, capital and solvency models, and it enables them to put this acquired know-how into practice on the spot. This workshop takes place between the workshops “The Standard Model of the Swiss Solvency Test” and “The Standard Formula of Solvency II”. Therefore, the relating workshops can be combined.

During the workshop we shall build up in a modular way a prototype internal model in Excel[®]. In particular, we will consider:

- Components of the economic balance sheet and the Basic Own Funds (discounted reserves, etc.)
- Components of the risk and the Solvency Capital Requirement (large & attritional losses, market risk, etc.)
- Reinsurance (proportional and non-proportional)
- Risk aggregation (Monte Carlo algorithmic, dependencies and copulas)
- Meta-risks (parameter risk, replicating portfolios, deterministic stress scenarios, etc.)

Secondly, the participants shall apply the prototype internal model they built to perform user tests. In particular they may consider:

- Portfolio planning
- Reinsurance optimisation
- Capital allocation

Target Group

The workshop is designed for all professionals 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® (excluding VBA). In addition, they should be familiar with elementary concepts of insurance, statistics and stochastic modelling.

Conceptual framework

The Prime Re Academy workshops are of technical nature and structured so 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 are taught in a most efficient manner and the participants are challenged intensively.

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

Moreover, to enhance the international learning experience and networking, the workshop starts in the afternoon and includes joint dinners: 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, e.g. with more emphasis on life or property & casualty business.

Dates and Schedule

Tuesday, 17 October 2017	13.30 – 14.00	<i>registration</i>
	14.00 – 18.00	workshop
	18.30 – 20.30	<i>dinner</i>
Wednesday, 18 October 2017	08.30 – 12.30	workshop
	12.30 – 13.30	<i>lunch</i>
	14:00 – 18.00	workshop
	18.30 – 20.30	<i>dinner</i>
Thursday, 19 October 2017	08.30 – 12.30	workshop
	12.30 – 13.30	<i>lunch</i>

Fees

CHF 1'500 early-bird, if paid before or on 15 September 2017

CHF 1'800 if paid after 15 September 2017

CHF 500 for unemployed participants

A discount of CHF 500 for the third participant of the same company will be granted.

In combination with another one or two PRA workshop(s) in October 2017 discounts are granted. These discounts may not be combined with other reductions and are valid only for the same participant.

Discounts: CHF 500 for two workshops

CHF 1'000 for all three workshops

These fees are binding and must be transferred latest 2 October 2017 on the Credit Suisse account:

SWIFT: CRESCHZZ80A

IBAN: CH25 0483 5111 8080 7100 0

Beneficiary: Prime Re Academy
c/o Prime Re Services AG
Lindenstrasse 2
6340 Baar, Switzerland

The fees will be refunded in total in case of cancellation before 2 October 2017 or if the workshop must be cancelled.

The fees include:

- the workshop
- the documentation
- the prototypes in Excel®
- the dinners and lunches

Venue

Hotel St. Gotthard, Bahnhofstrasse 87, 8021 Zurich, Switzerland

Fon + 41 44 227 77 00 / Fax + 41 44 227 77 50

Dress casual and comfortable.

Participants from abroad can reserve a room at approx. 290.00 CHF per night in the venue hotel. Alternatively, they can ask us for assistance with booking a room at another convenient location.



Registration

Registration will be closed after 2 October 2017

[Risk, Capital and Solvency Models - an ORSA Perspective](#)



CPD Credits

Attendance to the workshop will automatically credit members of the Swiss Actuarial Association with 14 CPD credit points. Members of other actuarial associations will receive a certificate they can submit to their CPD committee.

Contact

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Lecturers

Dr Frank Cuypers

has led numerous actuarial engineering and modeling courses and workshops in Europe and Latin America. He comes with a vast lecturing experience and a prominent scientific track-record in modeling complex systems. As a Swiss Re Executive and Chief Actuary at the former Zurich Re in Cologne, he has wide experience in most actuarial disciplines and lines of business, which he has deployed at KPMG and PwC to advise leading providers of financial services and Government Agencies. He is a fully qualified member of the German and Swiss Actuarial Associations (DAV and SAV), which he has served on numerous committees.



Prof. Karel Van Hulle

lectures at the Economics and Business Faculty of the KU Leuven (Belgium) and at the Economics Faculty of the Goethe University in Frankfurt where he is attached to the International Centre for Insurance Regulation. He is a member of the Insurance and Reinsurance Stakeholder Group of EIOPA and served as Head of Insurance and Pensions at the European Commission until 1 March 2013, where his main task was the development of Solvency II. He was a member of the Technical Committee of the International Association of Insurance Supervisors, of which he was nominated Distinguished Fellow in 2013. He was closely involved in the negotiations which lead to the equivalence decisions of the European Commission for Switzerland and for a number of other countries. He is a regular speaker at insurance and pension conferences around the world and is Honorary Fellow of the UK Institute and Faculty of Actuaries.

Simone Dalessi

graduated with a M.Sc. in mathematics from the University of Zurich, and comes with significant expertise in statistics. He started his actuarial career with PRS, helping (re)insurers in their pricing, reserving, regulatory and solvency issues, and he has been instrumental in establishing several foreign insurer's branch offices in Switzerland. He is a fully qualified member of the Swiss Actuarial Association (SAV).



For more details on their experience and expertise, please click [here](#) or scan the QR-code

