

# 3rd EAA e-Conference on Data Science & Data Ethics

12 May 2022 | live & online



Organised by the EAA – European Actuarial Academy

Sponsored by



## About the Event

The actuarial focus has changed significantly over the last couple of years. Computational power is increasing with exponential growth, in addition more and more data is available. This combination puts the actuarial profession into a position where a new understanding has to be developed on today's possibilities of actuarial science and its ethical implications.

The new role of actuaries within big data and ongoing digitalisation is not yet fully defined. Best practice experience sharing and exchange of ideas is needed. The EAA is delighted to offer all interested actuaries and other experts a forum for knowledge exchange:

On 12 May 2022, the third EAA e-Conference on "Data Science & Data Ethics" will take place live and virtually. The programme will combine keynote speeches with food for thought from well-known experts and selected talks from professionals through a call for papers.

The language of the e-Conference will be English.

## Programme

09:30 – 09:40	WELCOME & OPENING
09:40 – 10:40	KEYNOTE: LocalGLMnet: An Interpretable Deep Learning Architecture Mario Wüthrich, ETH Zürich
10:40 – 11:00	BREAK
11:00 – 11:30	What are the Basic Similarities and Differences between Insurance Risk Modelling and Standard Machine Learning Techniques? – An Overview Jürg Schelldorfer, SwissRe
11:40 – 12:10	Bayesian Neural Network Perspectives for Actuarial Science – Review and Motor Claims Analysis Case Study Aurélien Couloumy / Akli Kais, CCR Group
12:20 – 12:50	Bancassurance Data-Driven Solutions Petr Vaclav, RGA
12:50 – 13:50	BREAK
13:50 – 14:50	KEYNOTE: Dynamically Updating Motor Insurance Prices with Telematics Collected Driving Behavior Data Katrien Antonio, KU Leuven & University of Amsterdam
15:00 – 15:30	The How and Why of Data Science Risk Management? Valerie Du Preez, Dupro Actuaritech / Matthew Byrne, NFU Mutual
15:30 – 15:50	BREAK
15:50 – 16:20	Applying Ethical Standards in Practice – Insights from New Zealand Gráinne McGuire, Taylor Fry
16:30 – 17:00	The Emergence of BDAI Regulation – Commonalities and Challenges Clemens Frey, Ernst & Young
17:00 – 17:05	CLOSING & GOODBYE

## Fees & Registration

Your early-bird registration fee is only € 90.00 plus 19% VAT for registrations received by 12 March 2022. After this date, the fee will be € 125.00 plus 19% VAT. As attendance is limited, please register as soon as possible by using the online booking form at our event website:

[www.actuarial-academy.com/seminars/conference](http://www.actuarial-academy.com/seminars/conference)

After your registration you will receive an invoice and later further details to join the e-Conference via email.

Registration is open until two working days before the e-Conference. If registration has already been closed, please call us or send an email to [contact@actuarial-academy.com](mailto:contact@actuarial-academy.com).

No responsibility is taken for the accuracy of this information.

## Participants

The Data Science & Data Ethics e-Conference is open to all actuaries and other interested experts.

## CPD

The e-Conference is recognised by many actuarial associations as formal further training. An overview of CPD points under the CPD scheme of several national actuarial associations is available on the event website.