

# 2nd EAA e-Conference on Data Science & Data Ethics

29 June 2021 | 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 29 June 2021, the second EAA e-Conference on "Data Science & Data Ethics" will take place live and virtually. The programme combines 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

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|---------------|--|
| 09:30 – 09:40 | <b>WELCOME &amp; OPENING</b><br>Henning Wergen, EAA  |
| 09:40 – 10:40 | <b>KEYNOTE: Trustworthy Use of AI</b><br>Maximilian Poretschkin, Fraunhofer-Institut IAIS  |
| 10:40 – 11:00 | <b>BREAK</b>   |
| 11:00 – 11:30 | <b>Explainable Machine Learning</b><br>Xavier Maréchal / Samuel Mahy, Reacfin  |
| 11:40 – 12:10 | <b>EHR Data Analytics - Opportunities and Challenges</b><br>Atreyee Bhattacharyya, IFoA AI and Automation in Life and Health Working Party |
| 11:40 – 12:10 | <b>How Privacy &amp; Ethics Impact Assessments Strengthen AI Governance</b><br>Sarah Johanna Zech, Allianz SE                              |
| 12:50 – 13:50 | <b>BREAK</b>   |
| 13:50 – 14:50 | <b>KEYNOTE: AI in Actuarial Science: Two Years on</b><br>Ronald Richman, SA Taxi   |
| 15:00 – 15:30 | <b>NLP and Machine Learning in Social Media Opinion Mining</b><br>John Ng, IFoA Data Science Research Section                              |
| 15:50 – 16:20 | <b>Techniques for Explainable Artificial Intelligence in Insurance</b><br>Oliver Pfaffel, Munich Re  |
| 16:30 – 17:00 | <b>Investigation Applications of Data Science in UK and non-UK Actuarial Teams</b><br>Valerie du Preez / Anja Friedrich / Xavier Maréchal  |
| 17:00 – 17:05 | <b>CLOSING &amp; GOODBYE</b><br>Henning Wergen, EAA  |
| 17:05         | <b>VIRTUAL GET TOGETHER</b>  |

## Fees & Registration

Your early-bird registration fee is only € 90.00 plus 19% VAT for registrations received by 29 April 2021. 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.

