EAA e-Conference on
Data Science & Data Ethics

16 May 2023 | online

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 16 May 2023, the fourth virtual EAA e-Conference on "Data Science & Data Ethics" will take place. 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.

Fees & Registration

Your early-bird registration fee is only € 109.00 plus 19% VAT for registrations received by 16 March 2023. After this date, the fee will be € 149.00 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

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 online registration has already been closed, please call us or send an email to contact@actuarial-academy.com.

Participants

The e-Conference on "Data Science & Data Ethics" 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.

No responsibility is taken for the accuracy of this information.

Programme

09:30 – 09:40	WELCOME & OPENING
09:40 – 10:40	KEYNOTE: Trustworthy AI – Managing AI Compliance and AI Performance Issues Johannes Kuhn, Munich RE|CertAI / Neeraj Sarna, Munich RE|aiSure
10:40 – 11:00	BREAK
11:00 – 11:30	The Fast and the Fabulous. Harnessing GPU Power for High-performance Life Insurance Computations Karol Maciejewski / Mehdi Echchelh, Milliman
11:40 – 12:10	A New Method for Discrimination Free Pricing and Real-world Impacts Ronald Richman, Old Mutual Insure
12:20 – 12:50	Less is More: Including Network Features for Insurance Fraud Detection – A Case Study for a Belgian Insurance Company Bruno Deprez, KU Leuven & UAntwerp
12:50 – 13:50	BREAK
13:50 – 14:50	KEYNOTE: Non-regulatory Approaches to AI Governance: Spotlight on AI Assurance Techniques and Standards Nuala Polo, Centre for Data Ethics and Innovation
15:00 – 15:30	AI and Ethics in Insurance: A New Solution to Mitigate Proxy Discrimination in Risk Modeling Antoine Chancel / Antoine Ly, SCOR / Marguerite Saucé, Diot-Siaci
15:30 – 15:50	BREAK
15:50 – 16:20	Actuarial Applications of Natural Language Processing Using Transformers: Case Studies for Using Text Features in an Actuarial Context Jürg Schelldorfer, Swiss Re
16:30 – 17:00	Successfully Leveraging Customer Analytics in Actuarial Departments Lars Oehlmann / Gabriel Stoszek, PwC Germany
17:00 – 17:05	CLOSING & GOODBYE

All times are in CEST.

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