5th YEARS ANNIVERSARY

# EAA e-Conference on Data Science & Data Ethics

## 14 May 2024 | online

## About the Event

In an era marked by unprecedented technological advancements, the actuarial landscape has experienced profound transformations. The exponential growth of computational power and the abundance of data have converged and provide an exciting opportunity for the actuarial profession to redefine its boundaries and explore the ethical implications of this new field.

The role of actuaries is evolving at an incredible pace but remains incompletely defined. We are at a crucial point where a new understanding of the possibilities of actuarial science and its ethical obligations needs to be created. Best practice experience sharing, and exchange of ideas is needed. We are delighted to offer all interested actuaries and other experts a forum for knowledge exchange.

**On 14 May 2024, the virtual EAA e-Conference on 'Data Science & Data Ethics' will take place. The programme blends keynote speeches featuring insights from renowned experts with selected talks delivered by professionals participating through a call for speakers, providing a diverse range of perspectives and food for thought.**

## Fees & Registration

| Attendee Billing Address | Early Bird Booking by 14 March 2024 | Booking after 14 March 2024 |
|---|---|---|
| Non-Company / German Company | € 129.71 | € 177.31 |
| EU Company (excl. Germany) | € 109.00 net (reverse charge) | € 149.00 net (reverse charge) |

Please register online 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 event. 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 data science professionals eager to learn and exchange insights.

## Programme

| | |
|---|---|
| 09:30 – 09:40 | WELCOME & OPENING<br>Henning Wergen, EAA |
| 09:40 – 10:40 | KEYNOTE: AI and the Global Profession<br>Charles Cowling, Mercer \| IAA President |
| 10:40 – 11:00 | BREAK |
| 11:00 – 11:30 | Data Ethics & AI: Best Practices for Actuaries<br>Cathal Leahy / Laura Rossi, Deloitte Ireland |
| 11:40 – 12:10 | Contradictio in Terminus: Explainable AI?<br>Gerrit Jan van den Brink / Steef Peters, The Hague University of Applied Sciences |
| 12:20 – 12:50 | The Role of Data Management and Governance in AI Decision-Making<br>Douglas B. Laney, West Monroe Partners |
| 12:50 – 13:50 | BREAK |
| 13:50 – 14:50 | KEYNOTE: ActuaryGPT<br>Applications of Large Language Models to Insurance and Actuarial Work<br>Caesar Balona, Old Mutual Insure |
| 15:00 – 15:30 | Nudging, Dark Patterns and Human Autonomy<br>Frank Grossmann, Linden Grove Group |
| 15:30 – 15:50 | BREAK |
| 15:50 – 16:20 | Quantifying Uncertainty for AI-based Solvency Capital Estimation<br>Mark-Oliver Wolf, Fraunhofer Institute for Industrial Mathematics ITWM |
| 16:30 – 17:00 | Prediction of Health Care Insurance Expences using Machine Learning and Artificial Neural Network<br>Liana Barsoumian / Re-Mi Hage, Notre Dame University – Louaize |
| 17:00 – 17:05 | CLOSING & GOODBYE<br>Henning Wergen, EAA |

All times are in CEST.

## 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.

Sponsored by

OliverWyman

Organised by

european actuarial academy