

# EAA e-Conference on Data Science & Data Ethics

14 May 2024 | online

## LIVE PROGRAMME

Tuesday, 14 May 2024

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

All above times are in CEST.

## RECORDED SESSIONS

The one-day live programme will be complemented by recorded presentations. The additional **on-demand recording(s)** will be available from 14 May 2024 at <https://www.actuview.com/event/121>.

The following topics will be presented:

- How Inflation and 10-year Bond Yield Forecasting with Computer Science (AI) Could Support Pension Funds  
*Ljudmila Bertschi, allea Ltd (Consultants and Actuaries)*