

EAA – Update on activities

Meeting of the AAE Education Committee
April 2023

- Dependence between longevity and financial risks; 10/2022; 3h
- IFRS 17: Scope and unit of account; 10/2022; 3h
- Non-life pricing using statistical techniques with R applications; 10/2022; 4x3.25h
- Macro-level actuarial reserving models; 10/2022; 6.25h+3h
- Resilience for actuaries; 11/2022; 3x4h
- Machine learning: More art than science; 11/2022; 3h
- Solvency II internal models: Which techniques for a new wave?; 11/2022; 2h
- How can actuaries tackle inflation and its consequences?; 11/2022; 5.25h
- Numerical tools for cyber insurance; 11/2022; 2x3h
- Deep learning with a focus on text analysis; 11/2022; 6.25h+3h

- Introduction to natural catastrophe modelling; 11/2022; 3h
- Actuarial data science introplication; 11-12/2022; 6.5h+6.25h
- Introduction to IFRS9 for Insurers; 12/2022; 3.75h
- Whistleblowing – Practical Education for Actuaries; 12/2022; 5.75h
- Will Solvency II Be Fit for Purpose?; 12/2022; 2h
- Practical AI Methods in Claim Handling and Reserve Predictions; 01/2023; 2h
- 50 Shades of Product Development; 01-02/2023; 3x4.5h
- How Can Actuaries Tackle Inflation and its Consequences?; 02/2023; 5.25h
- Introduction to Neural Networks with Appl. in Mortality Modeling; 02/2023; 4h
- Operational Risk for Actuaries; 02/2023; 2x2h

- Understanding the Performance of an Insurance Comp. (Introduction); 03/2023; 4x3.25h
 - Recent Developments in Climate Risk Scenario Analysis; 03/2023; 2h
 - Extreme Risk Analysis; 03/2023; 2x3h
 - Non-Life Pricing Using Machine Learning Techniques with R Appl.; 04/2023; 4x3.25h
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- The Aftermath of Covid-19: Impact on Disability Insurance Business; 04/2023; 2h
 - Comparing IFRS17 and Solvency II; 04/2023; 2h
 - Understanding IFRS 17; 05/2023; 2x5.5h
 - IFRS 17: Guidance for Risk Adjustments; 05/2023; 3h
 - Open Source Tools R and Python; 05/2023; 2x6h
 - Introduction to IFRS9 for Insurers; 05/2023; 4h
 - How to Read the New IFRS Balance Sheet for Insurers; 05/2023; 3h

- Imbalanced Classification: Problems & Solution Approaches with Use Cases; 06/2023; 4h
- ML Explainability in Actuarial Data Science: A Practical Primer; 06/2023; 2x6h
- IFRS 17: The Variable Fee Approach – Basics and Challenges; 06/2023; 6h
- Assets and Liabilities Management (Part 1: Introduction); 06/2023; 3x3,25h
- Climate Day 4.0; 06/2023; 6h
- Mandatory Sustainability Reporting for Insurers – Actuarial Roles; 06/2023; 4h
- IFRS 17: Investment Components and Other Non-Service Payments; 06/2023; 2h
- Price Walking, Demand Modeling & Price Elasticity; 06/2023; 2h
- Assets and Liabilities Management (Part 2: Advanced); 06/2023; 3x3,25h

- Introduction to Natural Catastrophe Modelling; 07/2023; 3h
- Recent Developments in Climate Risk Scenario Analysis; 09/2023; 2h
- How Can Actuaries Tackle Inflation and its Consequences?; 09/2023; 5.25h
- System Migrations of Life Insurance Contracts: DON'T JUST MIGRATE; 09/2023; 3.25h
- Telematics and Actuarial Pricing; 09/2023; 4h
- Cash Balance Pension Schemes; 10/2023; 3h
- Extreme Risk Analysis; 10/2023; 2x3h
- Communication for Actuaries; 10/2023; 4x3h
- Resilience for Actuaries; 11/2023; 4x3h
- Hands-on Adaptive Learning of GLMs for Risk Modelling in R; 11/2023; 6h
- Practical Techniques from Asset Management Less Known to Actuaries; 11/2023; 2x3h
- Mathematical Modelling for Actuaries; 11/2023; 2x6h
- Experience-Based Insights & Trends in Asset Management; 12/2023; 2h

- EAA as Accredited Education Provider:
 - AVÖ (Austria)
 - IA|BE (Belgium)
 - CAC (Catalonia)
 - CSA (Czech Republic)
 - DDA (Denmark)
 - SA (Finland)
 - DAV (Germany)
 - HAD (Greece)
 - SOAI (Ireland)
 - AG (The Netherlands)
 - DNA (Norway)
 - SAD (Slovenia)
 - IAE (Spain)
 - SAF (Sweden)
 - SAV (Switzerland)



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EAA e-Conference on Data Science & Data Ethics

16 May 2023 | online

LIVE PROGRAMME

Tuesday, 16 May 2023

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

All above times are in CEST.

Sponsored by:



- 2 days program
- 1 plenary session in the morning of each day
- 3 parallel sessions on each day

SAVE THE DATE

Stay tuned for the next **CONVENTION A** with a focus on Europe

www.convention-a.com

CONVENTION EUROPE



March 19-20, 2024

09:30 AM	 CONVENTION A	Plenary Session There will be two plenary sessions, one each day, dealing with relevant issues for the whole society - and actuaries, of course!
10:30 AM	 EUROPEAN PARTNERS	3 Parallel Sessions Three 90-minute sessions each with current actuarial content of national and international relevance. Partners TBA.
12:30 PM	 EUROPEAN PARTNERS	3 Parallel Sessions Three 90-minute sessions each with current actuarial content of national and international relevance. Partners TBA.
02:30 PM	 EUROPEAN PARTNERS	3 Parallel Sessions Three 90-minute sessions each with current actuarial content of national and international relevance. Partners TBA.
04:30 PM	 EUROPEAN PARTNERS	3 Parallel Sessions Three 90-minute sessions each with current actuarial content of national and international relevance. Partners TBA.

