

EAA – Update on activities

Web meeting of the AAE Education Committee
October 2020

CPD Events in 2020

- Insurance Products Covering Longevity and Long-Term Care Risks; 02/2020 in Madrid
- Stochastic Modeling – Theory and Reality from an Actuarial Perspective; 02/2020 in Vienna
- Open Source Tools R and Python: Extending the Toolbox of the Actuary; 03/2020 in Lisbon
- Web Session: An Introduction to Economic Scenario Generators and their Validation; 03/2020
- Web Session: Novel Coronavirus-the Next Big Pandemic? - Medical and Epidemiological Aspects; 04/2020
- Web Session: Data Quality, Validation and Movement Analysis: Manage Quality under Solvency II; 04/2020
- Web Session: Deep Learning Adv.: Generative Method for Risk Factor Modelling and Model Validation; 05/2020
- Web Session: Data Science Pricing of Motor Insurance; 05/2020
- Web Session: Novel Coronavirus – The Impact on Life Insurance Mortality & Underwriting; 06/2020

- Web Session: COVID-19 & ERM for Life Insurers: Perspectives; 06/2020
- Web Session: Life Policy Clustering: Well- Established and Modern Grouping Methods; 06/2020
- Web Session: Lockdown Challenge: Lean and Digital Life Product Development in Demanding Times; 06/2020
- Web Session: Update COVID-19: Medical&Epidem. Aspects: The Onerous Way out of Lock Down; 06/2020

Current CPD Events

- Web Series: Machine Learning - Selected Masterpieces; 09/2020
- Web Session: Modern Product Development in Life; 09/2020
- Web Session: Big Data and Anti-Discrimination - Lessons Learned from Unisex-Tariffs; 10/2020
- Web Session: Economic Scenario Generators Part II – Advanced Training for ESG Practitioners; 10/2020
- Web Session: Understanding IFRS 17; 10/2020
- Web Session: Measuring the Financial Side of Climate Risk – Actuarial Approaches; 10/2020

- Web Session: ERM and Quantitative Risk Management in Life Insurance: An Introduction; 11/2020
- Web Session: Understanding the Science of Climate Change; 11/2020
- Web Session: Managing Quality and Explainability in Machine Learning and AI; 11/2020
- Web Session: Non-Life Pricing & Profitability Analysis Using ML Techniques with R Applications; 12/2020
- Web Session: Claims estimation for Non-Life Insurance Using MATLAB; 12/2020
- Web Session: Reform of Public Pension Schemes: Actuarial Challenges; 12/2020

Data Science and Data Ethics Conference

- On 29/30 June 2020, the EAA



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2020 JUN | e-Conference Data Science & Data Ethics

Data Science & Data Ethics e-Conference

29/30 June 2020 @ **actuview**

Organised by the EAA - European Actuarial Academy GmbH

Sponsored by **Deloitte**, **OLIVER WYMAN**, **RGA**, **50 SCOR**

As the leading provider of high-class actuarial education and CPD activities in Europe, the **European Actuarial Academy (EAA)** will be hosting its first virtual conference with the aim

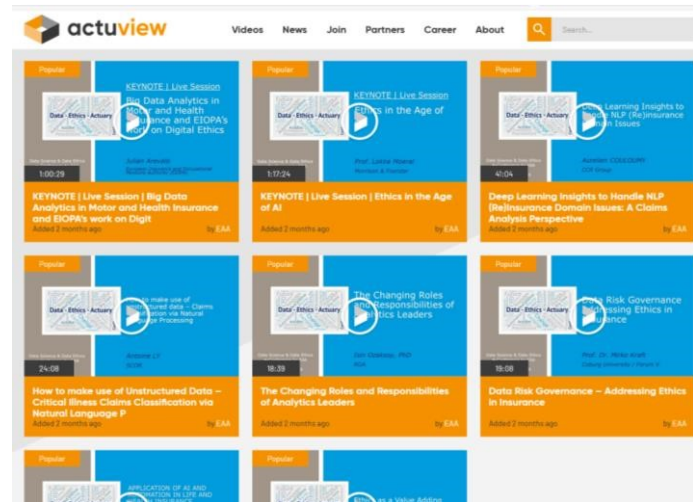
- to present up-to-date solutions to technical problems,
- to share best practices and personal insights
- as well as to offer a forum for actuarial and data science experts.

Initially planned as an onsite event the EAA is very happy and proud to run this special conference in an online environment to take into account the COVID-19 pandemic and the resulting travel restrictions.

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 the ethical implications of it. 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!

Program

The EAA is delighted to offer all interested actuaries and other experts a forum for knowledge exchange:
On 29 and 30 June 2020, the first EAA e-Conference "Data Science & Data Ethics" will be broadcast here on actuview. The two-day programme combines keynote speeches from well-known experts with food for thought and selected talks from professionals through a call for papers.



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Topic	Session Title	Speaker	Time
Keynote Live Session	Big Data Analytics in Insurance and Health	Dr. Thomas H. H. H. H.	1:00:19
Keynote Live Session	Big Data Analytics in Motor and Health Insurance and EOR's work on Digit	Dr. Thomas H. H. H. H.	1:17:24
Keynote Live Session	Ethics in the Age of AI	Dr. Thomas H. H. H. H.	1:17:24
Keynote Live Session	Deep Learning Insights to Handle NLP (Reinsurance Domain Issues: A Claims Analysis Perspective)	Dr. Thomas H. H. H. H.	1:17:24
Keynote Live Session	How to make use of Unstructured Data - Critical Issues Claims Classification via Natural Language P	Dr. Thomas H. H. H. H.	24:08
Keynote Live Session	The Changing Roles and Responsibilities of Analytics Leaders	Dr. Thomas H. H. H. H.	18:39
Keynote Live Session	Risk Governance - Addressing Ethics in Insurance	Dr. Thomas H. H. H. H.	18:08

Conference took place as completely virtual event

- Four Invited Speakers with live presentations: Julian Arevalo (EIOPA), Falco Valkenburg (AAE), Lokke Moerel (Morrison & Foerster / Professor at Tilburg University) and Frank Schiller (MunichRe)
 - Nine additional presentations through a call-for-papers available on www.actuview.com
- CERA**
- EAA as Accredited Education Provider:
 - AVÖ (Austria)

- CAC (Catalonia)
- CSA (Czech Republic)
- DDA (Denmark)
- DAV (Germany)
- HAD (Greece)
- SOAI (Republic of Ireland)
- SA (Finland)
- AG (The Netherlands)
- IAE (Spain)
- SAF (Sweden) – SAV (Switzerland)
- Agreed cooperation:
 - HAD (Croatia) – CERA Acceding Party
 - LAD (Lithuania)
 - DNA (Norway) – CERA Award Signatory pending
 - IAP (Portugal)
 - SAD (Slovenia) – CERA Award Signatory pending