



ECA 2026 – Board Report December 2025

ECA Steering Committee | 05/12/2025

6th European
Congress of Actuaries
www.eca2026.org



Status

■ General information from Steering Committee:

- The last meeting took place on 5 December 2025, the next meeting is about to be scheduled for January 2026

■ Recent activities:

- The sponsoring acquisition is on-going – confirmations were received from:
 - GOLD: Akur8, Allianz, Swiss Re
 - SILVER: MavenBlue, Munich Re, Triple A – Risk Finance
 - BRONZE: Beltios, CERA, CNP, Heubeck, Milliman
 - National Supporters: None yet
- Participant fees confirmed
- Registration started and Concurrent Session-Program published on 8 December)
- Discussion on hosting a Young Actuaries reception on pre-event evening

Sponsoring
PLAN: 125.000 €
ACTUAL: 135.000 €

■ On-going tasks

- Continue sponsorship acquisition
- Discussion of plenary sessions
- Discussion of possible additional workshop offering pending

ECA Program



| Day 1 | | | |
|---------------------|---|--|---|
| Room 1 - Large Hall | | Room 2 | Room 3 |
| 09:00-10:30 | Plenary 1 | | |
| 10:30-11:00 | Coffee break | | |
| Sustainability | | Products / Product Development | AI |
| 11:00-11:30 | A Penalized Distributed Lag Non-Linear Lee-Carter Framework for Regional Weekly Mortality Forecasting Karim Barigou (UCLouvain) | Modern pension design by refundable income tranches Peter Hieber (University of Lausanne) | Bias diagnostics for Black-Box Actuarial AI Systems under evolving regulations Francois Hu, Bertil Tierny (Milliman) |
| 11:30-12:00 | Investigating the links between CAT bond and capital markets with European natural catastrophes Fernando Mierzejewski (Milliman Benelux) | Resilient Pension Systems in a Small Open Economy: Solvency, Longevity, and Innovative Benefit Design in Iceland Sigurdur Freyr Jonatansson (Central Bank of Iceland) | The Role of Actuaries in AI and AI Governance Claudio Senatore / Esko Kivisaari (AAE AI&DS Working Group) |
| 12:00-12:30 | Mortality modelling for short term climate stress test in France : impact of extreme heat Etienne Raynal (Galea & Associés), Stéphane Loisel (Laboratoire LIRSA, Conservatoire National des Arts et Métiers) | Actuarial Contributions to Sustainable Pension Reform: Lessons and Best Practices from Europe Tetyana Kohanzal (Kis actuaries OG) | Imbalanced Regression: Definition, Impacts and Solutions Samuel Stocksticker (Actuário + Aix-Marseille Université), Denys Pommeret (Aix-Marseille Université) |
| 12:30-14:00 | Lunch break | | |
| AI | | Sustainability | Products / ERM |
| 14:00-14:30 | A GAN-based climate scenario generator for risk management and insurance: the case of drought Daniel Nkamen (Detralytics/CREST ENSAE), Olivier Lopez (CREST ENSAE), Didier Ngatcha (InstaDeep) | Pooling flood insurance: Evidence from the French CatNat system Thomas Bézy (Paris School of Economics), Laurence Barry (CREST-ENSAE) | Rethinking the Need for Insurance Guarantee Schemes Lauri Saraste (LocalTapiola Group) |
| 14:30-15:00 | Generative AI and R for Intuitive Actuarial Reports Manuel Caccione, Claudio Senatore (AI Task Force, Italian Society of Actuaries) | Direct Impacts of Climate Change on Mortality in France Guillaume Bieszy (LinkPact / Sorbonne) | Intertemporal vs. intergenerational risk sharing: Effects on guarantees of life insurance products Timon Kramer (Ulm University) |
| 15:00-15:30 | Advanced Applications of Generative AI in Actuarial Science: Case Studies Beyond ChatGPT Simon Hatzesberger (Deloitte), Iris Nonnenmann | Parametric policies: from product design to actuarial pricing Giuliano Piovesan (Revo Insurance) | Stochastic assessment of special rate annuities in a value-based perspective Daniela Tabakova (Mib Trieste School of Management / Bulgarian Actuarial Society) |
| 15:30-16:00 | Coffee break | | |
| 16:00-17:00 | Plenary 2 | | |

| Day 2 | | |
|---|--|---|
| Room 1 - Large Hall | Room 2 | Room 3 |
| Plenary 3 | | |
| Coffee break | | |
| Products / LTC | AI | Professionalism |
| The challenges of building sustainable long term care insurance offer in France Aurélien Treillhou (SIA), Samuel Cywie (Institut des Actuaire) | Implementing and Governing AI: from use cases to best practices in AI adoption Bogdan Tautan (Achmea Reinsurance) | Professional standards - are they still important for actuaries? Charles Cowling (Former IAA President) |
| Probability of entering and remaining in disability after breast cancer treatment: evidence from France Andrés Morales-Ferrero (Aix Marseille University - SESSTIM) et al. | Ethical Artificial Intelligence caught between regulation and responsibility Stefan Nörtemann (mog life) | Independent actuarial valuation of damages suffered by traffic accident victims: the Spanish model and its regulatory and legal update Luis Sáez de Juregui (AXA, Universidad de Málaga) |
| Leveraging the Lee-Carter Model for Hospitalization Trend Forecasting in Europe Nicolas Zimmer, Ronald Schwärzler (GenRe) | Artificial Intelligence and the Evolving Role of Actuaries: Practical Use Cases and Governance Perspectives in the Insurance Sector Lea Cohen, Simon Sabbagh, Quentin Bazoge (Ellis Alliance) | How AI and New Regulations Are Redefining the European Actuarial Pricing Monica Carvalho-Pinto (Akur8) |
| Lunch break | | |
| Cyber | Social Security | ERM |
| Quantifying Stressed Scenarios of Cyber Loss Processes with dynamic dependencies Caroline Hillairet (ENSAE IP Paris, CREST) | Corporate Income Tax in the Development of the Second Pillar of Social Security in Portugal Lourdes B. Afonso (NOVA-FCT) | Spectral Bootstrap for Non-Parametric Simulation of Multivariate Extreme Events. Application to Risk measure estimation Maud Thomas (LSAF-ISFA, Université Lyon 1) |
| From Text to Actuarial Modelling: The Role of NLP and LLMs in Cyber Risk Assessment Hugo Rapior (Nexilog Consulting) | Introducing AI in Pension Planning: A Comparative Study of Deep Learning and Fuzzy Mamdani Inference Systems for Estimating Replacement Rates Georgios Symeonidis (Hellenic Actuarial Authority / IACA) | Beyond Boundaries: How CERA Shapes the Future of Actuaries Ron Hermis, Stephen Wilcox (CERA Global Association) |
| Cyber Risk Frequency Modelling Using Hawkes Processes : Calibration on Attack and Vulnerability Data Yousra Cherkaoui-Zirnheld (ENSAE-CREST) | The New "Age" for Social Security - and how we can get there? Maria Economou (AAE SocSec SubCommittee) | Actuaries and Operational Risk Management Malcolm Kemp (Nemastrian Ltd.) |
| Coffee break | | |
| Plenary 4 | | |

- 99 submissions received
- From 25 countries
 - 90 from inside Europe
 - 9 from outside
- 36 presentations / 60 speakers/co-speakers selected
- Program published on 8 December

Plenary Sessions ECA 2026 – Proposal Steering Committee

■ P1: EIOPA

- Welcome & Update AAE
- Keynote: Petra Hielkema (confirmed)
- Q&A with Petra

■ P2: ECA Partners

- Keynote: L&H Gap / Swiss Re (confirmed)
- Panel Discussion: Swiss Re, Allianz, Partner 3

Allocation of speakers/sessions also subject to actual availability of speakers for the two days

■ P3: OECD

- Panel: NN (OECD, not invited yet), Pierre Moscovici and Insurance Europe (Frédéric de Courtois)
(declined: Christine Lagarde, Stéphane Séjourné (not available due to parliament week; all EU politicians will most likely not available))

■ P4: AI office (EU Commission) & panel tech representatives

- Keynote: Malgorzata Nikowska (Head of Unit “AI Innovation and Policy Coordination “, DG CONNECT, invited)
- Panel: Cornelius Vogel (Google, accepted), Jean-Charles Samuelian (CEO ALAN), NN (open)

ECA 2026 Business Case

| | |
|--------------|-----|
| Participants | 350 |
|--------------|-----|

| | |
|----------|----------|
| Position | Marriott |
|----------|----------|

| REVENUES | |
|-----------------|---------------------|
| Income Fees | |
| Participants | 334.700,00 € |
| Sponsorship | 125.000,00 € |
| Subtotal | 459.700,00 € |

| EXPENSES | |
|----------------------------------|---------------------|
| | Marriott |
| Variable Costs | |
| Participants | 138.623,00 € |
| Fixed Costs | |
| Hotel | 152.000,00 € |
| General registration and website | 2.750,00 € |
| Marketing | 7.000,00 € |
| Congress Design | 9.500,00 € |
| Congress Program | 1.500,00 € |
| Social Program | 94.438,50 € |
| Sponsoring | 13.000,00 € |
| Organisation and Misc | 37.131,95 € |
| Subtotal | 455.943,45 € |

| | |
|-----------------|------------|
| Congress Result | 3.756,55 € |
|-----------------|------------|

- Business case basis for decision on venue during Board meeting in Edinburgh on 9 April 2025
- Basis for AAE/EAA contract
- **Current projection: 24.336,90 €**
- With...
 - Expected participants: Still at 350 PAX
 - Sponsorship ACTUAL: +10.000 €
 - Expenses ACTUAL: -11.000 €

Approved Participation Fees as basis for BusCase



ECA 2026

Registered Participants

350

| | Until 15/03/2026 | incl. VAT | Total | | Until ECA 2026 | incl. VAT | Total |
|---------------|---------------------|-----------|--------------|--|-------------------|-----------|--------------|
| Delegates | 1.090,00 € | | 149.330,00 € | | 1.290,00 € | | 129.000,00 € |
| Speakers | 890,00 € | | 32.040,00 € | | 890,00 € | | 0,00 € |
| Academics | 840,00 € | | 8.400,00 € | | 990,00 € | | 4.950,00 € |
| AAE officials | 1.090,00 € | | 7.630,00 € | | 1.290,00 € | | 2.580,00 € |
| Acc. Persons | 150,00 € | | 600,00 € | | 170,00 € | | 170,00 € |
| | | | | | | | |
| Fee cost | <i>Invoicing</i> | | 13.388,00 € | | | | 0,00 € |
| | <i>IA share</i> | | 16.735,00 € | | | | 0,00 € |
| | | | | | | | |
| | | | | | | | |

**Confirmed on
5 December 2025**

and

**Registration
started on
8 December 2025**

Total income: 334.700,00 €

