



CALL FOR ABSTRACTS

Submission deadline: 8 November 2024

In May 2025, the IAA Sections will host its 1st event in South America, "JoCo São Paulo 2025" at the invitation of the Instituto Brasileiro de Atuária (IBA).

JoCo2025 will gather IAA Section members and actuaries from Brazil and from across the world around a unique theme of "Actuaries in Sustainability", to discuss the latest research and actuarial challenges arising from new fields of professional and academic activity as well as from traditional actuarial work, and including work and interpretations of the concept of "sustainability".

What is the actuarial interpretation of "sustainable"? The concept interacts deeply with the actuarial profession, and it can be understood differently in different contexts: about the financial sustainability of risk sharing mechanisms, or regarding economic growth and the resilience of the financial sector, or in terms of the uncertainty arising out of environmental and climate concerns, or in the context of global efforts to ensure the well-being of all. Under these broad interpretations, sustainability interacts with the practice areas of actuaries of risk assessment, pricing and product development, reserving, regulatory compliance, strategic planning, stakeholder engagement, data analytics, ethical considerations, and the need for interdisciplinary collaboration and continuous learning.

We look forward to your contribution and seeing you in São Paulo for JoCo2025!

Cristina Mano
JoCo2025 Chair

We welcome submissions especially on the following topics:

Common Topics for All Sections

Sustainability, ESG, Climate Risks

Our planet is increasingly at risk, and this is becoming more evident. We believe it is the duty of the actuarial community to contribute to a more sustainable world. This can be achieved by helping organizations manage and reduce climate risks, developing sustainable insurance and financial products, and supporting financial institutions in transitioning to sustainable investments.

Artificial intelligence (AI) and Big Data

Actuaries have long been recognized as the data scientists of the financial sector. The rapid growth of available data and the even faster advancement of AI present a significant challenge for the actuarial community. To maintain their relevance, actuaries must embrace these developments in areas such as product design, underwriting, pricing, reserving, and claims management.

Cyber Risk

In today's world, not a day goes by without a cyber incident. Some predict that cyber risk may become uninsurable in the future. However, insurers have always faced the challenge of insuring new risks. Actuaries have a crucial role to play in this context, including modeling cyber risks, developing effective cyber risk management practices, pricing cyber risks, and creating tools to manage the accumulation risk that cyber threats represent.



Digital Transformation of Insurance

Insurance processes for marketing, underwriting, invoicing, renewals or claims management to name just a few are constantly optimized with an increasing use of digital means. This comes with incredible opportunities to simplify, improve and speed-up the service offered to clients and reporting possibilities to decision makers and external stakeholders but brings also new challenges: data privacy, quality and explainability must keep up with the digitalization.

Solvency

Financial institutions must remain solvent in a rapidly changing landscape to protect their clients and prevent serious market turbulence, as many are systemic. Actuaries are crucial for developing sound solvency regimes and managing solvency calculations.

Additional Topics Suggested by Each Section

AFIR-ERM (Financial Risks and Enterprise Risk Management)

- Economic and regulatory capital
- Capital allocation
- Emerging risks, risk measures and risk mitigation techniques
- Natural catastrophes
- Pricing
- Hedging
- Dependencies
- All actuarial topics related to risk management

ASTIN (Non-Life/General Insurance)

- Pricing methods and fairness
- Reinsurance and other risk sharing techniques
- Reserving methods
- Risk models for natural and man-made catastrophes
- Social inflation

IAAHS (Health Care / Insurance)

- Climate Change and Its Impact on Healthcare
- Healthcare Financing, Pricing, and Reserving
- AI and Digital Healthcare
- Evaluating Innovative Healthcare Solutions
- Microinsurance for Healthcare and Inclusivity
- Value-based Payment Models
- Legislative, Regulatory, and Judicial Risk in Healthcare Financing
- Claims Management in Healthcare for Long-Term Sustainability
- Employer-sponsored Insurance: Health Outcomes and Productivity
- Healthcare Financing and System Reforms
- Lessons Learned from COVID-19
- What Could be the Next Pandemic

IAALS (Life and Annuities)

- Emerging risks (e.g. the use of genetic information for defining actuarial fair premium and related legal aspects; privacy concerns regarding new data collection, etc.)
- Longevity and medical advances
- Covid-19 related topics (for example, long covid or mortality after covid)
- IFRS17
- Pricing methods and fairness



IACA (Consulting)

- Training/skillset of actuarial consultants and other professionals of consulting firms. Types and adequacy of skills. Extra skills needed (legal, taxation...).
- Firm management
- The role of the actuary in a consulting firm
- Consulting in a digital and virtual age - how it differs (and is the same) as traditional models / New actuarial areas for consultancy.
- Other issues of running a consulting business
- Large / international firms
- Other special topics

PBSS (Pensions, Employee Benefits and Social Security)

- Decent work and workers protection
- ESG and sustainable financing for pension funds
- Gender gap in pensions
- High interest environment
- Mortality/longevity in pensions
- Member engagement/communication
- Member risk preferences
- Population slower growth or decline
- Social security reforms

SUBMISSION INSTRUCTIONS

- ❖ Submissions of the abstracts and the presentations during the Colloquium should be in English.
- ❖ Abstracts should be approximately 200 words.
- ❖ All submissions must be sent using the [online form](#).

TIMETABLE

- ❖ 8 November 2024: Deadline for submission of abstracts
- ❖ 20 December 2024: Acceptance of abstracts by the Scientific Committee and confirmation sent to author(s)
- ❖ 10 January 2025: Publication of the conference program
- ❖ 21 March 2025: Deadline for submission of the final papers (optional but required for consideration for best paper awards).
- ❖ 18 April 2025: Submission of presentations

If your abstract is selected, please note that you are expected to be onsite at the JoCo2025 to present your work.

AWARDS

The author(s) of an accepted and presented paper will be eligible to be considered for Best Paper Award(s) to be assigned by the IAA Sections. To be eligible for the Best Paper Award(s), the author(s) must submit a full paper in English by 21 March 2025. Please note that presentations without a full paper submission are not eligible for a Best Paper Award.



BURSARIES

The IAA Sections will make funds available to provide some financial support to facilitate the participation of interested speakers from developing countries. If you wish to be considered, please indicate as such in your Call for Abstract submission.

- Preference will be given to individuals from developing countries who have not been previously granted a bursary.
- Only the primary speaker identified in your abstract submission will be considered for the bursary.
- Bursary awards may vary based on Section and the total number of requests received.
- Bursary requests received after the final selection of abstracts will not be considered.

The JoCo2025 Organizing Committee

Cristina Mano	Chair
Alexander Bohnert João Vinícius de França Carvalho	AFIR-ERM Section
José Maria (Chema) Agurcia Norbert Haible	ASTIN Section
Carolina Castro Joanne Tan	IAAHS Section
Pedro Pacheco Bill Sayre	IAALS Section
Douglas Carey Georgios Symeonidis	IACA Section
Paulo Josef Gouvêa da Gama Cristina Leicht-Miranda	PBSS Section
Marcos Barretto Raquel Marimon	IBA

Any questions? Please contact JoCo2025-Info@actuaries.org