

# Call For Papers



Joint Colloquium  
of all IAA sections 2024 (JoCo2024)

Dear Actuary, Dear Section member,

## JoCo 2024 Call For Papers

**Submission deadline: 15 January 2024**

The Institute of Actuaries in Belgium (IA|BE) has the honor and the pleasure to invite you to the 1<sup>st</sup> Joint Colloquium of all IAA Sections (AFIR-ERM, ASTIN, IAAHS, IAALS, IACA, and PBSS) which will be held in the center of Brussels from 22 to 25 September 2024.

This first “JoCo2024” will gather actuaries, section members as well as members of Actuaire du Monde (AdM) around a unique theme “Reconnecting Actuaries”, to discuss the latest research and actuarial challenges arising from new fields of professional and academic activity as well as from traditional work areas.

We welcome submissions especially on the following topics:

## Common Topics for All Sections

### Sustainability, ESG, Climate Risks

- Our planet is at risk, this is more and more apparent. We believe it is in the actuarial community's duty to contribute to a more sustainable world. This is possible by helping organisations manage and reduce climate risks, in contributing to build sustainable insurance and financial products, in supporting financial institutions to transition to sustainable investments.

### Artificial intelligence (AI) and Big Data

- Actuaries have long been recognized as the data scientists in the financial sector. The continuing fast growth of the volume of available data and the even faster development of AI represents a real challenge for the actuarial community. Actuaries need to embrace these developments to maintain relevance in their role, including but not limited to product design, underwriting, pricing, reserving and claims management.

### Cyber Risk

- In our current world there is not one day without a cyber incident. Some voices are predicting cyber risk to be uninsurable in the future. On the other hand, insurers have always been confronted with new risks to insure. Actuaries have a key role to play, for example in the modelling of cyber risks, in the development of sound cyber risk management practice, in pricing of cyber risks, or in developing tools to keep control on the accumulation risk cyber represents.

### Solvency

- Financial institutions need to remain solvent in a rapidly changing landscape. This is essential in protecting their clients, but also to avoid serious market turbulences as many of them are systemic. Actuarial sciences are essential to help develop sound solvency regimes and to manage solvency calculations.

## Additional topics suggested by each Section

### AFIR-ERM

- Natural catastrophes
- Pricing
- Hedging
- Dependencies
- All actuarial topics related to risk management

### ASTIN

- Reserving methods
- Pricing methods and fairness

### IAAHS

- New approaches to pricing/reserving in health insurance and healthcare financing
- The social impact of inclusive health insurance (also known as health microinsurance)
- The interaction of wellness solutions and/or health tech with health insurance – from an actuarial perspective
- Studies on employer-sponsored private medical insurance and health outcomes/absenteeism
- Healthcare financing/Healthcare systems
- Social health protection
- Longer term impacts of Covid-19
- Pandemic modelling

### IAALS

- Longevity and medical advances
- Covid-19 related topics (for example, long covid or mortality after covid)
- IFRS17
- Pricing methods and fairness

### IACA

- 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

- High interest environment
- Gender gap in pensions
- Mortality/longevity in pensions
- Member engagement/communication
- Member risk preferences
- Social security reforms

## Submission



Submissions of the abstracts and the presentations during the Colloquium should be in English.



Abstracts should be approximately 200 words.



All submissions should be sent using the [online form](#).

## Timetable



If your abstract is selected, please note that you are expected to be **onsite** at the JoCo2024 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 JoCo2024 and IAA Sections. To be eligible for the Best Paper Award(s), the author(s) must submit a full paper in English by 31 May 2024. Please note that presentations without a full paper submission are not eligible for a Best Paper Award.

## Bursaries

The IAA Sections will make available funds 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 Papers submission. Preference will be given to individuals from developing countries who have not been previously granted a bursary. Bursary requests received after the final selection of abstracts will not be considered.

See you in 2024 in Brussels!

For the Institute of Actuaries in Belgium,

The JoCo2024 Organising Team

