Institute and Faculty of Actuaries

Active member-led research working parties
Updated: 21 November 2024

Finance and Investment (6)
- A Cashless Society
- Capital Backed Investment Arrangements
- Cash Flow Driven Investment
- Digital Assets
- LDI and derivatives for pension schemes
- Private Credit Further Development

Health and Care (6)
- Critical Illness Incidence Rates (New)
- Diabetes
- Population Health Management
- Social Care
- Techniques in Data Science in Health and Care
- Wellness and Prevention (New)

Pensions (5)
- Aging Population (New)
- Collective Defined Contribution and Collective Benefit Schemes
- Pensions on Divorce (New)
- Personal Financial Planning
- The Future of Pensions Dashboard

Data Science Community (10)
- (Data) Visualisation
- Actuarial Data Science
- Bayesian Methods
- Federated Learning
- Generative AI
- Membership, including Education.
- Statistical Learning in Actuarial Applications
- Sustainability and Climate Change
- Unsupervised Learning
- XAI (Explainable Artificial Intelligence)

Cross-practice (11)
- Infrastructure (**F&I**/Risk)
- The Pensions Gap (**F&I**/Pensions)
- Climate Change (**H&C**/Sus)
- Mental Health (**H&C**/Life)
- Equity Release Mortgages (**Life**/F&I)
- Extreme Events (**Life**/F&I)
- LGBTQ+ Life Insurance Implications (**Life**/H&C/Pensions)
- Modelling Pre and Post Retirement Products (**Life**/F&I/Pensions)
- Reinsurance (**Life**/H&C)
- Climate & Nature Related Risk Reporting (**RM**/Sus)
- Climate Change Scenario Testing (**RM**/Sus)

General Insurance (20)
- Actuarial applications for vine copulas (New)
- Asia International
- Blockchain and Fintech
- Claims Inflation
- Climate Change Reserving
- Developing your reserving team
- Electric vehicles (New)
- Financial inclusions and affordability of private lines (New)
- Flood
- Insurtech Innovation and Efficiency
- Liability Exposure Management
- Machine Learning in Reserving
- Ogden Discount Rate
- Periodical Payment Orders
- Programming for actuarial work
- Sensing and Responding to Change and Nonsense
- Solvency II Practical Review
- Third Party Data
- Towards the Optimal Reserving Process
- UK Asbestos

Life (7)
- Advice Gap in UK Market
- Consumer Duty
- Credit Risk
- Future of Risk Pooling
- Liquidity
- Matching Adjustment
- UK Funded Reinsurance

Sustainability (13)
- Asset management
- Biodiversity and Natural Capital
- Carbon pricing
- Climate assumptions and scenario modelling
- Climate reporting and disclosures
- Demographics – mortality and morbidity
- Effect of climate change on long-term interest rates
- FINSTIC
- Inequality of climate change
- Intergenerational Fairness
- Managing sustainability in the absence of metrics and measurement
- Net Zero and the implications for investment portfolios
- Role of the sovereign

Risk Management (6)
- AI Ethics
- Black Swans
- Cyber Risk
- Environmental, Social, and Governance (ESG) Framework T&FG (New)
- Operational Resilience T&FG
- Third Party