UK Times (GMT + 1)	16/06/21				17/06/21				18/06/21			
14:00-15:00	**Keynote**	**Thomas Wiecki**	**Bayesian decision making lifts off with PyMC3**		**Panel discussion: AI – Coming of age?**	**Trevor Maynard** (Head of Innovation, Lloyd's), **Luca Baldassarre** (Lead Data Scientist, Swiss Re), **Liz McFall** (Director of Data Civics & Chancellor's Fellow, University of Edinburgh), **Yves-Alexandre de Montjoye** (Associate Professor at Imperial College London), María Óskarsdóttir, (Assistant Professor in Computer Science, Reykjavik University)			**Keynote**	**Bettina Grün**	**Advances in Model-Based Clustering**	
Short talks (15min each)	**Session 1A: Pricing**		**Session 1B: Life & Mortality**		**Session 3A: Reserving**		**Session 3B: ML**		**Session 5A: Pricing**		**Session 5B: Life & Mortality**	
15:15 – 16:15	Jonathan Sedar	A Novel Bayesian Pricing Model with Risk-Level Freq-Sev Decomposition, running in Production	Lina Palmborg	Efficient use of data for LSTM mortality forecasting	Steve Guo	Patterns and Anomalies of Loss Development in P&C Insurance Market	Veronica Coronel Vera	Person at the centre: how AutoML boosts behavioural modelling in P&C insurance	Robert Matthijs Verschuren	Customer Price Sensitivities in Competitive Automobile Insurance Markets	Qiqi Wang	Multi-State Health Transition Modeling Using Neural Networks
	Tsz Chai (Samson) Fung	Mixture composite regression models with multi-type feature selection	Salvatory Kessy	Mortality Forecasting Using Stacked Regression Ensemble	Henning Zakrisson	Gradient Boosting Machines in Collective Reserving Model for Reserves Prediction	Mouloud Belbahri & Olivier Gandouet	A Twin Neural Model for Uplift	Montserrat Guillen	Number of claims and number of near-misses for telematics pricing in automobile insurance	Hang Nguyen	Scenario selection with Lasso regression for the valuation of variable annuity portfolio
	Emiliano A. Valdez	Synthetic Dataset Generation of Driver Telematics	Mike Ludkovski	Multi-output Gaussian Processes for longevity analysis	Markus Gesmann	Hierarchical Compartmental Reserving Models	Anna Kozak	The use of denoising autoencoders for categorical and continuous variables	Łukasz Delong	Gamma Mixture Density Networks and their application to modelling insurance claim amounts	Mario Marino	Deepening Lee-Carter for longevity projections with uncertainty estimation
Lightning talks (7min each)	**Session 2A: Claims modelling**		**Session 2B: Simulation/QF/meta models**		**Session 4A: Programming/industry deployment**		**Session 4B: Social media/covid/fraud**		**Session 6A: Statistical modelling**		**Session 6B: Life**	
16:30 – 17:30	Ranjini Vaidyanathan	Enhancing Auto Claim Review using Machine Learning	Rodrigo S. Targino	Risk Budgeting Portfolios from Simulations	Patrick Laub	Approximate Bayesian Computation and Insurance	John Ng	Gompertz network and Lasso regularisation in modelling age-specific impact of COVID-19 vaccination	S.R.Pranav Sai	Capturing the power of ensemble learning using GLM and Artificial Neural Network for insurance pricing	Katja Hanewald	Multi-population modeling with economic trends: A hybrid neural network approach
	Ziyi Li	Neural Network Embedding of the Negative Binomial Regression Model for Claim Frequencies	Fernando Mierzejewski	Modelling Credit Structures and Securitisations with Data Science	Chibisi Chima-Okereke	Introducing the D programming language to Insurance	Rei England	Spreading the word: The effect of word-of-mouth networks on insurance customer choices	Pierre-Oliver Goffard	Sequential Monte Carlo Samplers to fit and compare insurance loss models	Francesco Ungolo	A Dirichlet Process Mixture model for the analysis of competing risks
	Mohammad Zoynul Abedin	A Novel Hybrid Method to Predict Insurance Claim by Mining Imbalanced Datasets	Alexandre Carbonneau	Deep Hedging of Long-Term Financial Derivatives	Daniel Murphy	Month arithmetic in R with the mondate package	Rohan Yashraj Gupta	A comparative study of using various Machine Learning and Deep Learning based fraud detection models for Universal Health Coverage schemes and assessing the impact of COVID-19 in healthcare fraud	Rui Zhu	Copula model selection using image processing	Simon Schnürch	Point and Interval Forecasts of Death Rates Using Neural Networks
	Ivan Sergienko	Deep Learning for Stochastic Policy-Level Modelling	Fabio Viviano	Monte Carlo Valuation of Future Annuity Contracts	Francesca Vitalini	Agile; the right answer for the 'next normal' in the insurance sector	Shrinivas Shikhare	Next Generation LTC - Life insurance Underwriting using Facial Score Model	Giles Stupfler & Abdelaati Daouia	Extremile Regression	Claudio Giorgio Giancaterino	Unsupervised Learning applied to the Customer Lifetime Value (CLV)
	Symeon Koumoutsaris	Modelling the subsidence risk in France taking into account the effects of climate change	Giovanni Rabitti	From local to structural input importance in variable annuities data	Kenneth Lim & Maxime Allard	Processing Insurance Claims with Automated, Scalable and Fair AI	Tim King	Process Mining Applied to Complex Medical Claims Management	Himchan Jeong	A non-convex regularization approach for stable estimation of loss development factors	Zhiyu Quan	Tree-based Models for Variable Annuity Valuation: Parameter Tuning and Empirical Analysis
	Seema Sangari	Correcting Reporting Delays in Cyber Events at Industry level	Xiaochen Jing	Metamodeling for Variable Annuity Valuation: What works and what does not	Valerie du Preez, Xavier Marechal, Anja Friedrich	Investigating Applications of Data Science in UK and non-UK Actuarial Teams			Queensley Chukwudum	Relativities in the Over-Dispersed Poisson Bootstrap Claims Reserves		