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## 13th Conference in Actuarial Science & Finance on Samos, May 11 – 16, 2026

### Conference Program

**Sunday 10th of May at 19:30: Welcome Party at the Town Hall.**

**The Town Hall is located on the main square of Neon Karlovassi.**

#### Monday 11th of May 2026

**Session 1: Stochastic Models in Non-Life Insurance** (Chair, Fabio Bellini).

Time	Subject
08:30 – 09:10	<b>Invited Lecture: Alfred Mueller</b> Multivariate almost stochastic dominance and optimal transport
09:10 – 09:30	<b>J. Klinge, M.D. Schmeck</b> Optimal protective investment in the classical risk model
09:30 – 09:50	<b>D.G. Konstantinides</b> Infinite-time ruin probability of a multivariate renewal risk model with Brownian perturbations
09:50 – 10:10	<b>K. Dudziak, H. Schmidli</b> Stochastic Control of Dividends with a Drawdown Penalty
10:10 – 11:00	<i>Break</i>
11:00 – 11:20	<b>S. Tzaninis, A. Bozikas</b> A characterization of ruin-inducing probability measures in a renewal risk model
11:20 – 11:40	J. Klinge, <b>M.D. Schmeck</b> Asymptotics of ruin probabilities in a subordinated Cramer-Lundberg model
11:40 – 12:00	D.G. Konstantinides, <b>C.D. Passalidis</b> , H. Xu Asymptotics for a nonstandard risk model with multivariate subexponential claims and constant interest force



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**Tuesday 12th of May 2026**

**Session 2: Financial Theory and Practice** (Chair, Łukasz Delong).

Time	Subject
08:30 – 09:10	<b>Invited Lecture: Julien Guyon</b> Reconciling P- and Q-Calibration: The Discrete-Time 4-Factor Path-Dependent Volatility Model
09:10 – 09:30	<b>S. Asmussen</b> , M. Bladt, P. F. H. Olsen Fitting financial phase-type jump diffusions
09:30 – 09:50	F. Aichinger, <b>S. Desmettre</b> Pricing of geometric Asian options in the Volterra-Heston model
09:50 – 10:10	<b>G. Ferrari</b> , T. N. Schuetz Optimal consumption and portfolio choice with no-borrowing constraint in the Kim-Omberg model
10:10 – 11:00	<i>Break</i>
11:00 – 11:20	<b>P. Gapeev</b> , Perpetual commodity equities in extended Kalman-Bucy linear filtering models for convenience yields
11:20 – 11:40	<b>A. Riis - Due</b> Equilibrium Reinsurance and Investment Under the Mean Variance Skewness Criteria
11:40 – 12:00	J. Ma, C. Wang, <b>W. Xu</b> Local Risk Minimization for American Options under Stochastic Early Exercise and Transaction Costs
12:10 – 13:00	Meeting of the Organizing Committee



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**Wednesday 13th of May 2026**

**Session 3: Risk and Insurance Economics (Chair, Udi Makov).**

Time	Subject
08:30 - 09:10	<b>Invited Lecture: An Chen,</b> Insurance Decisions under Ambiguity: A Unified View of Optimal State Allocations
09:10 - 09:30	<b>I. Gasparavicius,</b> A. Grigutis, M. Gvergzdys Mathematical overview of mean-VaR optimization
09:30 - 09:50	V.D. Makam <b>P. Millosovich,</b> A. Tsanakas Stress testing with f-divergences
09:50 - 10:10	F. Riedel, <b>M. Spengemann</b> Optimal design of model-contingent insurance contracts
10:10 - 11:00	<i>Break</i>
11:00 - 11:20	<b>J.B. Mueller-Soe,</b> L. Regis, E. Vigna Optimal consumption, investment, insurance and labour supply in a multi-state setting
11:20 - 11:40	<b>Ł. Delong,</b> M. Wuethrich Universal inference for testing calibration of mean estimates within the exponential dispersion family
11:40 - 12:00	<b>S. Botteron,</b> C. Courbage, J. Wagner Who lacks trust in insurance: Cross-national evidence from five insurance products
12:00 - 12:20	M. Kelner, Z. Landsman, <b>U.E. Makov</b> Flexible dependence structures for risk assessment: Extensions of Archimedean Copulas
12:20 - 20:00	<b>Excursion to Samos Island</b>



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**Thursday 14th of May 2026**

**Session 4: Life, Health, and Pension Insurance (Chair, Mogens Steffensen).**

Time	Subject
08:30 - 09:10	<b>Invited Lecture: Luca Regis</b> The consequences of longevity risk and its heterogeneity
09:10 - 09:30	<b>P. Hieber</b> , M. Maggi, J. Wagner On the main determinants of medical costs in accident insurance: a comprehensive analysis of the Swiss market
09:30 - 09:50	R. G. Alcoforado, H.L.S.G. Alcoforado, P.A. Tenorio, <b>A. D. Edigio dos Reis</b> Socioeconomic benefits of the Brazilian INSS AtestMed programme
09:50 - 10:10	<b>A. Ugarte-Montero</b> , A. Arik, A. V. Ramirez Neighbourhood-level mortality modelling using socio-economic indicators
10:10 - 11:00	<i>Break</i>
11:00 - 11:20	<b>S. Ozen</b> , A Geometric Process Approach to Modelling Mortality Jumps in the Lee-Carter Model Framework
11:20 - 11:40	J. Alonso-Garcia, M. Hu, Y. Zhou, <b>J. Ziveyi</b> Efficient decumulation strategy with long-term care insurance and guaranteed minimum death benefit
11:40 - 12:00	<b>S. Sahin</b> Quantifying Employment Contingencies in U.K. Personal Injury Damages: An Actuarial Perspective
12:00 - 13:00	<i>Open Meeting of the Scientific Committee</i>



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**Friday 15th of May 2026**

**Session 5: Emerging risks: Climate, Cyber, Pandemics (Chair, Chang-Han Rhee).**

Time	Subject
08:30 – 09:10	<b>Invited Lecture: Laszlo Markus</b> When statistics meets AI: Estimating fractional Ornstein-Uhlenbeck processes with competing methods
09:10 – 09:30	<b>R.G. Alcoforado, A.D.E dos Reis, D. Pommeret</b> Modelling dependence between frequency and severity for liability and housing insurance and its implications in premium calculation
09:30 – 09:50	<b>F. Cartellier, D. Coculescu</b> Leveraging risk sharing for effective climate mitigation
09:50 – 10:10	<b>R. Viduli, G. Tzougas, G. Rabitti</b> Partially factorized Variational Inference for overdispersed Poisson claim counts
10:10 – 11:00	<i>Break</i>
11:00 – 11:20	<b>O. Mostovyi</b> Indifference pricing under the strong and weak information
11:20 – 11:40	<b>D. Makariou, Y. Chen, P. Barrieu</b> Pricing dynamics in catastrophe bond insurance
20:30 – 23:00	<b>Gala dinner in restaurant</b>



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**Saturday 16th of May 2026**

**Session 6: Actuarial and Financial Data Analytics (Chair, Qihe Tang).**

Time	Subject
08:30 - 09:10	<b>Invited Lecture: Sheldon Lin</b> Modelling and Analysis of Telematics Data with Two Distinct Approaches
09:10 - 09:30	<b>M. Bladt</b> Recent nonparametric advances in jump process estimation for insurance
09:30 - 09:50	<b>G. Rabitti</b> Measuring unexplained variation in data: a non-parametric approach based on global sensitivity indices
09:50 - 10:10	<b>G. Tzougas</b> Parameter estimation via the EM algorithm for bivariate mixed Poisson INAR(1) claim count regression models incorporating correlated random effects
10:10 - 11:00	<i>Break</i>
11:00 - 11:20	<b>L. Ji, X. Peng</b> Posterior concentration for Bayesian Poisson regression trees Exceedances in a Vt-s-vine Model
11:20 - 11:40	M. Bladt, L. Glargaard, <b>T. Henningsen</b> Conditional extreme value estimation for dependent time series
12:00 - 13:00	<b>Closing Ceremony</b>