2nd European Actuarial Journal (EAJ) Conference

TU Vienna, September 10-12, 2014

Wed., Sept. 10

- 8:30 Registration
- 9:10 Welcome
- 9:20 Hansjoerg **Albrecher**
- 10:10 Coffee Break
- 10:30 Hansjörg **Furrer**
- 11:20 Stefan **Jaschke**
- 12:10

Chair: Uwe **Schmock**

Lunch Break

- 13:30 Contributed talks / Parallel Sessions
- 14:20
- 14:30 Contributed talks / Parallel Sessions
- 15:20 Coffee Break
- 15:40 Contributed talks / Parallel Sessions
- 16:30
- 16:40 Ragnar **Norberg**
- 17:30 Poster Session and Welcome Reception

T. **Rheinländer**

Thu., Sept. 11

- 9:00 Daniel **Ryan**
- 9:50 Andrew **Cairns**
- 10:40 Coffee Break
- 11:00 Claus **Mischler**
- 11:50 Lars Michael **Hoffmann**
- 12:15

Chair: Stefan **Gerhold**

Lunch Break

- 13:30 Contributed talks / Parallel Sessions
- 14:20
- 14:30 Contributed talks / Parallel Sessions
- 15:20 Coffee Break
- 15:40 Contributed talks / Parallel Sessions
- 16:30
- 16:40 Michael **Schlögl**
- 17:30 History of Insurance in Austria & at TU Vienna
- 18:15 *(coach to heuriger)* Conference Heuriger

Uwe **Schmock**

Fri., Sept.12

- 9:00 Hanspeter **Schmidli**
- 9:50 Alexander **Dotterweich**
- 10:40 Coffee Break
- 11:00 Mogens **Steffensen**
- 11:50 Rüdiger **Frey**
- 12:15

Chair: Julia **Eisenberg**

Lunch Break

- 13:30 Nele **Vandaele**
- 14:20 Walter **Schachermayer**
- 15:10 Closing Ceremony

T. **Rheinländer**

2nd EAJ Conference – Contributed Talks – Wednesday, September 10, 2014

(version 2014-09-03)

WED	A	B	C	D	E	F
Chairs	**HIPP Christian**	**SCHMIDLI Hanspeter**	**PITACCO Ermanno**	**WÜTHRICH Mario**	**Hubalek Friedrich**	**LOISEL Stéphane**
13:30 - 13:55	**MULER Nora** Optimal dividends for collaborating insurance companies	**DEELSTRA Griselda** Modelling correlated processes in a multivariate Lévy framework with applications	**SCHILLING Katja** Decomposing life insurance liabilities into risk factors	**LINDE Marc** Analytical and simulation-based approaches for quantifying multi-year non-life insurance risk within ORSA / FLAOR processes under Solvency II	**MIKUS Georg** Valuation of partial and suboptimal surrender in Guaranteed Minimum Withdrawal Benefits for life	**BADOUNAS Ioannis** Robust loss reserving regression models with random coefficients
13:55 - 14:20	**HERNÁNDEZ Miguel C.** Optimal dividend payments problem under time of ruin constraints: Exponential case	**VAN WEVERBERG Ch.** Explosion time for the Wishart process	**REGIS Luca** A three factor cohort-based model for the mortality surface	**DEVOLDER Pierre** Time consistency of Solvency 2 measurement for long term guarantees	**COSTABILE Massimo** A trinomial lattice to evaluate variable annuities with guaranteed minimum withdrawal benefits under a regime-switching model	**EISELE Karl-Theodor** Prediction of claim provisions with Hachemeister credibility for development patterns
14:30 - 14:55	**SZÖLGYENYI Michaela** On dividend maximization in hidden Markov models	**FUCHS Sebastian** Bivariate copulas: transformations, asymmetry and measures of concordance	**WIELAND Jochen** Optimizing participating life insurance product designs for both, policyholders and insurers, under risk based solvency frameworks	**ALM Jonas** Signs of dependence in non-life insurance data	**MILHAUD Xavier** Tree-based estimators in censored regression: applications to segmentation and reserving in life insurance	**SCHELLDORFER Jürg** GLM model diagnostics in claims reserving using R
14:55 - 15:20	**EISENBERG Julia** Optimal consumption under a stochastic interest rate	**YUEN Kam Chuen** Optimal proportional reinsurance for a risk model with dependent classes of insurance business	**WAN Cheng** Market consistent valuation of liabilities in relation to longevity risk in Switzerland: Application of Swiss coherent mortality model for Swiss pension funds and life insurance business: a practical approach	**DAHMS Rene** Reserve risk dependencies under Solvency II and IFRS 4 perspective	**CHRISTIANSEN Marcus** Integral equations for moments and loss distributions in multistate life and health insurance models	**HENTSCHEL Felix** Optimal consumption and investment decisions under time varying risk attitudes
15:20 - 15:40	**Coffee Break (in front of main lecture hall)**					
15:40 - 16:05	**AZCUE Pablo** Optimal dividend problem for a two-dimensional insurance risk process	**DASSIOS Angelos** Dynamic contagion processes in finance and insurance	**STREFTARIS George** Parameter and model uncertainty in the estimation of settlement delay and diagnosis rates in critical illness insurance	**DYGAS Pawel** From Solvency II Standard Approach to true dependencies - shrinkage in Non-Life Insurance	**SPREEUW Jaap** Projecting mortality rates by a Markov chain	**ASSA Hirbod** On optimal reinsurance policy with distortion risk measures and premiums
16:05 - 16:30	**WONG Bernard** On the interplay of periodic and continuous strategies in the optimal dividends problem	**SCHMECK Maren** Exploring deviations of mean reverting price processes from standard models	**DODD Erengul (Ozkok)** The effect of model uncertainty on the pricing of critical illness insurance	**KOLEV Nikolai** A new class of bivariate distributions with risk management applications	**ALAI Daniel** A multivariate Tweedie lifetime model: censoring and truncation	**CANI Arian** An application of optimal reinsurance in the classical risk model

2nd EAJ Conference – Contributed Talks – Thursday, September 11, 2014

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THU	A	B	C	D	E	F
Chairs	**NORBERG Ragnar**	**MÜLLER Alfred**	**EGIDIO DOS REIS Alfredo**	**KOLEV Nikolai**	**CZADO Claudia**	**ALBRECHER Hansjoerg**
13:30 - 13:55	**VIGNA Elena** Mean-variance target-based optimisation in DC plan with stochastic salary	**BELLINI Fabio** Return risk measurement: Orlicz-type measures of risk	Cancelled.	**WEBER Stefan** Systemic risk measures	**VERBELEN Roel** Loss modelling with mixtures of Erlang distributions	**MAINIK Georg** Risk aggregation with empirical margins: Latin hypercubes, empirical copulas, and convergence of sum distributions
13:55 - 14:20	**PICHLER Alois** Insurance pricing under ambiguity	**WANG Meng (Simon)** Optimal retention levels for excess-of-loss reinsurance	**RAGULINA Olena** Analytic properties of the ruin probabilities in risk models with investments	**BIGNOZZI Valeria** How superadditive can a risk measure be?	**PEÑA SÁNCHEZ I.** Extreme Value Theory: a practical application based on estimating the large claims in Non-Life Insurance	**PETER Richard** Endogenous information and adverse delection under loss prevention
14:30 - 14:55	**HUBER Laurent J.** Bayesian mortality trends analysis	**GHOSSOUB Mario** Cost-efficient contingent claims under nonlinear pricing	**PSARRAKOS Georgios** On risk models with claims following inverse Gaussian distribution	**YAO Jing** How robust is the VaR of credit risk portfolios?	**LEMAIRE Jean** The use of annual mileage as a rating variable	**STEPCHENKO Darja** Assessment of risk function using Analytical Network process
14:55 - 15:20	**HIRZ Jonas** Modelling annuity portfolios with extended CreditRisk$^+$	**KULIKOV Alexander** Hedging market risk when volumetric risk is not traded	**LEHTOMAA Jaakko** Asymptotic behaviour of ruin probabilities in a general discrete risk model using moment indices	**PITSELIS Georgios** Some new developments on credibility risk measures and applications	**KUDRYAVTSEV Andrey** Some aspects of nonparametric regression applications to rate making	**O'HAGAN Adrian** A model-based clustering approach to data reduction for actuarial modelling
15:20 - 15:40	**Coffee Break (in front of main lecture hall)**					
15:40 - 16:05	**SCHMIDT Jan-Philipp** The best of both worlds: analysis of policyholder behavior with multivariate adaptive regression splines	**WERNER Ralf** Analysis of popular replicating portfolio approaches	**BIARD Romain** Fractional Poisson process: long-range dependence and applications in ruin theory	**CHOO Weihao** Percentile rank gap as a measure of dependence between two variables at different percentiles	**SORDO Miguel A.** Comparison of conditional distributions in portfolios of dependent risks	**WAGNER Joël** What transaction costs are acceptable in life insurance products from the policyholders' viewpoint?
16:05 - 16:30	**FLICI Farid** Using specific life-tables for life annuities calculation: the case of Algeria	**VIEHMANN Thomas** Your economic scenario set passed the tests. So is it good?	**AFONSO Lourdes** Measuring the impact of a bonus-malus system in finite and continuous time ruin probabilities, for large portfolios in motor insurance	**HIRHAGER Karin** Conditional distortion risk measures, conditional (weighted) expected shortfall and application to risk capital allocation	**SELCH Daniela** A multivariate claim number process with simultaneous claim arrivals	**EKSI-ALTAY Zehra** EM algorithm for Markov chain observed via Gaussian noise and point processes information