9th International Scientific Conference Managing and Modelling of Financial Risks
5th - 6th September 2018
Ostrava, Czech Republic

Conference programme

5th September 2018

Meeting room: CONGRESS HALL

9.00 – 10.00	Registration of participants	
10.00 – 10.15	Conference opening	
10.15 – 12.00	**Plenary session**	
Ladislav Krištoufek		Herding, Minority Game, Market Clearing and Efficient Markets in a Simple Spin Model Framework
Davide Radi, Fabio Lamantia		Evolutionary Models with Applications in Economics and Finance
12.00 – 13.00	Lunch	

MMFR
Managing and Modelling of Financial Risks 2018

Session 1

5th September 2018

Meeting room: BOHEMIA I

13.00 – 14.30	*Jiří Strouhal*	Hedging from Accounting Perspective: Theory versus Reality
	Anna Polednáková	Diversification as a Strategy of Mergers and Acquisitions
	Josef Horák, Jiřina Bokšová	Risks Connected with Undisclosed Financial Statements
	Jana Kubicová	Risk of Double International Income Taxation of Foreign Operators of Digital Platforms and Hidden Introduction of Corporate Income Tax Surcharge – Case of Slovakia
	Michal Ištok , Mária Kanderová, Peter Krištofík	The Impact of Moving the Owners' Registered Office to Tax Havens on the Reported Values of Land and Structures
	Monika Randáková, Jiřina Bokšová, Jan Hospodka	Valuation of Settlement Share in the Founding Documents of a Corporation
14.30 – 14.45	Coffee break	
14.45 – 16.15	*Galina Horáková, František Slaninka*	Optimal Reinsurance
	Katarína Sakálová, Ingrid Ondrejková Krčová	Advantages and Disadvantages of Particular Types of Bonus from the Point of View of Life Insurance Company
	Mária Bilíková, Ingrid Ondrejková Krčová	Modelling Life Insurance Risk for Teaching Purposes
	Andrea Kolková	Technical Indicators as a Quantitative Method of Forecasting in the Business Economy
	Jana Kotěšovcová, Jiří Mihola, Petr Wawrosz	The Dependence of Macroeconomic Indicators on Sovereign Rating
	Hussam Musa, Viacheslav Natorin	Risk Controlling of Traditional and Islamic Banking Systems

16.15 – 16.30	Coffee break	
16.30 – 18.00	*Jiří Mihola, Petr Wawrosz*	Alternative Measurement of Elasticity
	Michal Páleš, Andrea Kaderová	Stress Tests in Actuarial Practice
	Natália Knošková, Jozef Fecenko	Validation of Technical Provisions in Solvency II
	Monika Randáková, Jan Hospodka	Comparison of Accounting Rules for Companies in Bankruptcy
	Mikuláš Pýcha	Financial Regulation Evolvement and its Expenses Impact on Banking Sector in Czech Republic
	Jan Vašek	Aluminium Price Management Transaction Costs: Exploratory Case Study
18.00	Social evening	

MMFR
Managing and Modelling of Financial Risks 2018

Session 2

5th September 2018

Meeting room: BOHEMIA III

13.00 – 14.30	*Miloš Kopa*	Portfolio Optimization with Decision Dependent Randomness and Stochastic Dominance Constraints
	Martin Branda	Sparsity and Regularization in Portfolio Selection Problems
	Sergio Ortobelli, Noureddine Kouaissah	Implications of Conditional Expectation in Portfolio Theory
	Jiří Hozman, Tomáš Tichý	DG Method for Sensitivity Measurement of Black–Scholes Option Prices
	Dana Černá	Wavelet Method for Sensitivity Analysis of Options under the Black-Scholes Model
	Michal Holčapek, Linh Nguyen	Fuzzy Partition FEM and its Application to Option Pricing
14.30 – 14.45	Coffee break	
14.45 – 16.15	*Martin Boďa, Mária Kanderová*	Period and Threshold Rebalancing of Blended Big-Cap Growth and Big-Cap Value Portfolios
	Ewa Pośpiech	Risk of Multi-Criteria Portfolios Taking into Account the Fuzzy Approach
	Martin Svoboda, Svend Reuse, Annika Rüder, Noel Boka	Interest Rate Risk in the Banking Book (IRRBB) – Forecast Quality of the EBA Scenarios Comparing to the Historical Simulation
	Jiří Málek, Tran van Quang	Risk Measures and their Practical Consequences
	Vladimír Mucha	Applying Simulations in the Individual Risk Model Using R
	Taťána Funioková, Martina Novotná	Application of Classification Trees for Credit Rating Prediction

16.15 – 16.30	Coffee break	
16.30 – 18.00	*Tommaso Lando, Michaela Staníčková, Jiří Franek*	Empirical Analysis of Interstecting Lorenz Curves in European Countries
	Aldona Frączkiewicz-Wronka, Anna Kozak	Identification of Institutional Development of the Local Government Unit – the Risk of Dissatisfaction of Stakeholders as Barrier to Development
	Ján Gogola	Modelling Extreme Values of the PX Index Returns
	Ľudovít Pinda, Branislav Mišota, Lenka Smažáková	Securitization and Basic Risk in Agricultural Crop Insurance
	Lucie Chytilová	Data Envelopment Analysis in Small and Medium Enterprises in Hospitality Industry
	Jiří Franek	DEA Based Decision-Making to Select Used Car Models Using Discriminative Approach
	Dušan Marček	Extracting Knowledge Problems from Economic Databases – an Application of SV Machine for Inflation Modelling
18.00	Social evening	

MMFR
Managing and Modelling
of Financial Risks 2018

Session 1

6th September 2018

Meeting room: BOHEMIA I

9.00 – 10.30	*Adrianna Mastalerz-Kodzis*	Methodology for Measuring the Economic Potential of Financial Institutions
	Ondřej Buben, Jiřina Bokšová	The Beginning of Sustainable Financial System in Europe
	Wojciech Kaczmarczyk	Information Asymmetry Risk on Polish Stock Exchange on Example of GetBack S.A.
	Anna Kuzior, Małgorzata Rówińska	The Scope and Quality of Financial Risk Disclosures on the Example of Companies from the Food Sector Quoted on the Warsaw Stock Exchange
	Kristýna Bělušová, Karel Brychta	Categorization of the Risks Related to Payment and Taxation of Dividend Income in Conditions of the Czech Republic
	Marek Vokoun	Continuous Innovation Strategy: Czech Economy Between 2008 and 2014
10.30 – 10.45	Coffee break	
10.45 – 12.45	*Marek Strežo*	Modelling Non-Life Insurance Price Using Generalized Linear Models
	Adéla Špačková	Insurance Premium Calculation Using Generalized Linear Models
	Gabriele Torri, Tomáš Tichý, Rosella Giacometti	Network Conditional Tail Risk Estimation in the European Banking System
	Gulnur Dautaliyeva	Increasing the Stability of the National Currency of Kazakhstan
	Barak Sasan	Deep Learning Neural Networks for Classifying Time Series Patterns
	Yuan Tian	Pricing of CDO under Copula Framework
	Hana Dvořáčková	Disposition Effect in the Experimental Currency Trading
	Jiří Branžovský	Influence of the Macroeconomic Indicators on the Stock Market

MMFR
Managing and Modelling of Financial Risks 2018

Session 2

6th September 2018

Meeting room: BOHEMIA III

9.00 – 10.30	*Jiří Šimůnek, Jiřina Bokšová*	Quality of Reporting under IAS 14 Revised in Comparison with the New Reporting Requirements under IFRS 8 of Selected Companies with a Statutory Seat in the Czech Republic
	Jana Kubicová	Do Firms' Loans and Visits of Tax Officials Relate to the Corruption Behaviour of Tax Officials?
	Matej Masár, Alexander Kelíšek	Using Early Warning System in Small and Medium Sized Enterprises
	Barbora Ptáčková	Application of Static and Dynamic Approach to Analyze Financial Performance of a Company
	Barbora Drugdová	On the Issue of Commercial Insurance Market as a Part of Financial Market in the Slovak Republic
	Katarína Sakálová, Mária Kamenárová	Assessment of the Solvency and Financial Condition Report of Insurance Companies in Slovakia for 2017
10.30 – 10.45	Coffee break	
10.45 – 12.45	*Jiří Franek, Kateřina Kashi*	Alignment of Competency Model to Strategic Goals: Development and Application of WINGS-Grey Method
	Petra Daníšek Matušková, Štěpánka Vyskočilová	EU Funds Implementation Risks in the Czech Republic in 2007-2013 Programming Period
	Martin Šmíd, Václav Kozmík	Solution of Emission Management Problem
	Dominika Byrska, Aleksandra Borowska	Stability Problems of Limit Cycles in the Keynesian Business Cycle Models
	Viera Pacáková, Lucie Kopecká	Health and Economic Risks of Longevity in European Countries
	Ondřej Mikulec	Predicting the Risk of Employee´s Long Term Absenteeism
	Roman Guliak	Criteria Interaction in Effectiveness Measurement

Managing and Modelling of Financial Risks 2018

Notes