11th CEQURA Conference 2020 on

Advances in Financial and Insurance Risk Management

All presentations remote (live or pre-recorded)

Friday, September 25, 2020	
08:00	Zoom dialing
08:00-08:05	Welcoming Remarks
08:05-09:20	<u>Mathematical Finance</u> **Koike, Yuta,** University of Tokyo, Japan *Multi-Scale Analysis of Lead-Lag Relationships in High-Frequency Financial Markets* **Avdiu, Kujtim**, Ludwig-Maximilians-Universität München, Germany *Implicit Hedging and Liquidity Costs ofStructured Products* ***Rockinger, Michael**, University Lausanne, HEC Lausanne, Switzerland* *Distributional Properties of Continuous Time Processes: From CIR to Bates*
	Break
09:30-11:10	<u>Volatility/ Risk Measures</u> **Kawasaki, Yoshinori**, The Institute of Statistical Mathematics, Tachikawa City, Tokyo, Japan *On a HAR-Type Specification in Dynamic Topic Model and its Application in Volatility Forecasting* **Rigamonti, Andrea**, Free University of Bozen-Bolzano, Italy *Smooth Semicovariance Estimation* **Ulrych, Urban**, University of Zurich and Swiss Finance Institute, Switzerland *Dynamic Currency Hedging Using Non-Gaussian Returns Model* **Port, Henry**, Ludwig-Maximilians-Universität München, Germany *The Impact of Sovereign Yield Curve Differentials on Value-at-Risk Forecasts for Foreign Exchange Rates*
	Break
11:20-13:00	<u>Portfolio</u> **Torri, Gabriele,** University of Bergamo, Italy *Tail Risks in Large Portfolio Selection: Penalized Minimum Deviation Models* **Moore, Jordan,** Rowan University, Glassboro, New Jersey, United States *Optimal Investment Management for Prospect Theory Investors* **Schiele, Philipp**, Ludwig-Maximilians-Universität München, Germany *Efficient Mean-(Semi)Variance Portfolio Optimization Using the Critical Line Algorithm* **Berninger, Christoph**, Ludwig-Maximilians-Universität München, Germany *A Volatility and Momentum Managed Investment Strategy Applied on a Model for Saving Plans with a Collective Risk Sharing Component*

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	Lunch Break
13:45-15:25	<u>Solvency II/Insurance Risk</u> **Zeller, Gabriela,** TUM Munich, Germany *A Comprehensive Model for Cyber Risk based on Marked Point Processes and its Application to Insurance* **Bauer, Jan,** University of Mannheim, Germany *Option-Implied Solvency Capital Requirements* **Haeusle, Niklas**, University St. Gallen, Switzerland *A Token Design for Decentralized Insurance on the Blockchain* **Pfeifer, Dietmar**, University Oldenburg, Germany *Model validation with Q-Q-plots under Solvency II*
	Break
15:35-16:50	<u>Topics in Risk Management</u> **Aigner, Philip,** University of Mainz, Germany *Scenario-Based Risk Measurement as a Basis for Portfolio Management* **Fianu Emmanuel**, Hochschule Mainz, Germany *Modeling Risk Contagion in the Italian Zonal Electricity Market* **Mao, Dennis**, Ludwig-Maximilians-University Munich, Germany *VaR-Implied Tail Correlation Matrices*
	Break
17:00-17:50	<u>Data Science</u> **Oztuerk, Cem**, Ludwig-Maximilians-University Munich, Germany A *Comprehensive Analysis of the Use of Deep Learning Models for Forecasting the Cross-Section* **Metzner, Lars,** ppi AG, Hamburg, Germany *Trend-Based Forecasting*