Somayyeh Lotfi

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Education

Ph.D. Candidate in Finance/ Department of Accounting and Finance, Faculty of Economics and Management, University of Cyprus, Nicosia, Cyprus/ From January 2017 to May 2022/ GPA: 8.15 out of 10

Ph.D. in Applied Mathematics/ Department of Applied Mathematics, Faculty of Mathematical Sciences, University of Guilan, Rasht, Guilan, Iran/ From September 2012 to December 2016/ Thesis topic: Application of Conic Optimization in Portfolio Optimization/ GPA: 18.67 out of 20

M.Sc. in Applied Mathematics/ Department of Applied Mathematics, Faculty of Mathematical Sciences Ferdowsi, University of Mashhad, Mashhad, Iran/ From September 2009 to August 2011/ Specialized in optimal control and fuzzy control/ GPA: 18.02 out of 20

B.Sc. in Applied Mathematics/ Department of Applied Mathematics, Faculty of Mathematical Sciences, Ferdowsi University of Mashhad, Mashhad, Iran/ From September 2005 to August 2009/ Nominated for selective postgraduate position at Ferdowsi University of Mashhad/ GPA: 17.29 out of 20

Research Interests

Empirical (Behavioral) Finance, Financial Modelling, Robust Optimization and its Application in Finance

Teaching Interests

Investments and Portfolio Management, Options and Futures, Risk Management, Financial modelling, Linear and Non-Linear Programming, Robust Optimization.

Teaching Experience

University Instructor / Faculty of Economics and Management, University of Cyprus, Nicosia, Cyprus/ From January 2019 to May 2021/ Rating by students 4.75/5

-Teaching Investment and Portfolio Management for undergraduate students

University Instructor/ Faculty of Engineering, University of Guilan, Rasht, Guilan, Iran/ From September 2013 to December 2014

-Teaching Differential Equation for undergraduate students

University Teaching Assistant/ Faculty of Mathematical Sciences, Ferdowsi University of Mashhad, Mashhad, Iran/ From September 2009 to January 2011

-Teaching assistant for Calculus I, Calculus II, Complex Analysis and Numerical analysis.

Publications

S. Lotfi and S. A. Zenios. Robust VaR and CVaR optimization under joint ambiguity in distributions, means, and covariances. European Journal of Operational Research, 269: 556-576, 2018. (ABS 4 Journal)

Consiglio, **S. Lotfi**, S. A. Zenios. Portfolio diversification in the sovereign credit swap markets, Annals of Operations Research, 266: 5–33, 2018. (ABS 3 Journal)

Lotfi, S., Salahi, M. and Mehrdoust, F. Adjusted robust mean value-at-risk model: less conservative robust portfolios. Optimization and Engineering, 18: 467–497, 2017. (3 Journal)

Rafiei S, Maghsoodloo S, Saberi M, **Lotfi S**, Motaghitalab V, Noroozi B, Haghi AK. New horizons in modelling and simulation of electrospun nanofibers: A detailed review. Cellulose Chemistry and Technology, 48: 401-24, 2014. (3 Journal)

Working Papers

S. Lotfi, A. Milidonis, S. A. Zenios. Neglected Risk: Evidence from the Eurozone Sovereign Credit Market. Completed, Department of Accounting and Finance, University of Cyprus, Nicosia, Cyprus, 2020.

G. Pagliardi, **S. Lotfi**, E. Paparoditis, S. A. Zenios. Managing the political risk of international portfolios. Submitted to Journal of Finance, BI Norwegian Business School, Oslo, Norway, 2021.

S. Lotfi, S. A. Zenios. Robust MtC model with application to home bias puzzle, Working paper, University of Cyprus, Nicosia, Cyprus, 2021.

Refereed for Journals

European Journal of Operational Research, Journal of Banking and Finance, Neural Computing and Applications, Annals of Operations Research, Optimization and Engineering

Conferences and Seminars

Virtual **Presentation** at 31th European Conference on Operational Research, July 2021, Athens. Managing Political Risk in Internationally Diversified Portfolios

Virtual **Presentation/Discussant** at 2021 Virtual European Conference -Financial Management Association, June 2021, Virtual. Neglected Risk in Eurozone Sovereign Credit Market

Virtual **Presentation/Discussant** at European Financial Management Association 2021 Annual Meeting, June 2021, Leeds. Neglected Risk in Eurozone Sovereign Credit Market

Virtual **Presentation** at SIAM Conference on Financial Mathematics and Engineering (FM21), Virtual, June 2021. Managing Political Risk in Internationally Diversified Portfolios

Oral **Presentation/Discussant** in Spring 2016 Conference of the Multinational Finance Society, Limassol, Cyprus, April 2016. Equivalence of Robust VaR and CVaR Optimization under Ambiguity

Oral **Presentation/Discussant** in Spring 2017 Conference of the Multinational Finance Society, Limassol, Cyprus, April 2017. Portfolio diversification in the sovereign credit swap markets

Honors and Awards

Awarded outstanding contribution in peer-reviewing for European Journal of Operational Research, June 2018

Awarded University of Cyprus scholarship 2017-2022

Best doctoral paper award from Multinational Finance Society, Spring 2017 Conference of the Multinational Finance Society, June 2017

Iran Ministry of Science and Technology scholarship award for research visiting abroad, 2015

Ranked number 4 among all postgraduate students (20 students), 2012

Ranked number 5 among all graduate students (96 students), 2009

Ranked number 22 in final stage of 22th scientific university students Olympiad. Iran, 2009

Honorable Mention at the 16th international mathematics competition for university students, Budapest, Hungary, July, 2009

Skills and Languages

Programming: Mathematica, GAUSS, Python, GAMS, STATA, MATLAB, LATEX, CPLEX, SeDuMi, CVX

Language: English (fluent), Persian (native)

References

Andreas Milidonis, Department of Accounting and Finance, Faculty of Economics and Management, University of Cyprus, Tel: +357 22 89 3604, Email: stavros.zenios@ucy.ac.cy

Stavros A. Zenios, Department of Accounting and Finance, Faculty of Economics and Management, University of Cyprus, Tel: +357 22 89 3626, Email: andreas.milidonis@ucy.ac.cy