CURRICULUM VITAE

FLORENTINA PARASCHIV

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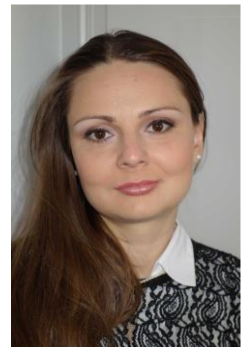

Personal information

Born on **January 20th, 1982**, in **Bucharest**, Romania
Nationality: Romanian
Marital status: married

Work experience

- from January 2017: **Associate Professor for Finance and Economics**, Faculty of Economics, *Norwegian University of Science and Technology (NTNU), Trondheim, Norway*

- August 2011 – January 2017: **Assistant Professor**, , *School of Finance, Institute for Operations Research and Computational Finance, University of St. Gallen, Switzerland*

- December 2015: Appointed as **Associate Professor for Finance and Economics**, *Norwegian University of Science and Technology (NTNU), Trondheim, Norway*

- October 2015 – March 2016: **Visiting Professor**, *Chair for Energy Trading and Finance, Energy House, Exchange term in the context of the HSG Faculty Development Program, University Duisburg-Essen/Essen, Germany*

- February 2008 – August 2011: **Doctoral student, Research assistant** (Prof. Dr. Karl Frauendorfer) *Institute for Operations Research and Computational Finance, University of St. Gallen, Switzerland*

- October 2006 – February 2008: **Research assistant** (Prof. Dr. Christian Ewerhart) *Institute for Empirical Research in Economics, University of Zurich, Switzerland*

- October 2005 – July 2006: **Teaching assistant**, *Economics and Business Administration Faculty, "Babes-Bolyai" University of Cluj-Napoca (Klausenburg), Romania*

Education

- February 2008 – December 2010
  Doctor of Philosophy in Management with Emphasis in Finance
  University of St. Gallen, School of Management, Economics, Law, Social Sciences and International Affairs, St. Gallen, Switzerland

- October 2005 – July 2006
  Banking and capital markets (Master of Science Diploma) *magna cum laude*
  "Babes-Bolyai" University of Cluj-Napoca (Klausenburg), Romania, Economics and Business Administration Faculty

- October 2001 – July 2005
  International Economic Transactions (Diploma) *magna cum laude*
  "Babes-Bolyai" University of Cluj-Napoca (Klausenburg), Romania, Economics and Business Administration Faculty

Research interests

Banking and finance: Risk Management, Financial regulation; Liquidity risk; Stress testing

Energy: Econometrics of electricity; oil and gas markets; Quantification of risk in the electricity business; Optimization of power production; Renewable energy

Research grant

- Swiss Federal Office of Energy SFOE, Research programme Energy-Economy-Society (EWG). Grant of 100'000 CHF for the research proposal: *Econometric analysis of the determinants of electricity wholesale prices.*
- Member of the Swiss Competence Center for Research in Energy, Society and Transition, SCCER CREST, Workpackage 1.

Awards, certificates

- **October 2013 – DK Gupta Memorial Best Energy Paper Award 2013, Conference Energy Finance, Essen**
- **October 2006 – April 2007 Scholarship offered by the University of Zürich, Institute for Empirical Research in Economics**
- **2006 – "Romanian Young Researchers Prize"** for Bachelor Thesis results *(Romanian Government)*
- **2004 – DALF (Diplôme Approfondi de Langue Française)** *(International French Certificate)*
- **2001 – 3rd Prize** National Contest of Romanic Languages, section: **Italian** (Writing and verbal skills)
- **2001 – Violinist National Certificate**

Fellowships and visiting terms

- July 2014 and March 2015 – **Visiting Terms London Business School**, Energy Markets Group, Prof. Derek Bunn

- April 2015 – **Fellowship University Duisburg-Essen**, Chair for Energy Finance, Prof. Rüdiger Kiesel
- May 2015 – **Fellowship Norwegian University of Science and Technology, Trondheim**, Prof. Stein-Erik Fleten, Prof. Sjur Westgaard
- May 2015 – **Visiting Term University of Vienna**, Department of Statistics and Operations Research, Prof. Georg Pflug
- June 2015 and August 2016 – **Visiting Term University of Oslo**, Department of Mathematics, Prof. Fred Espen Benth
- 2015 – **Research Fellow, University of Cologne**, Institute of Energy Economics

Publications in scientific journals

- Hagfors, L.I., Paraschiv, F., Prokopczuk, M. & Westgaard, S. (2016) Prediction of extreme price occurrences in the German day-ahead electricity market, **Quantitative Finance (forthcoming)**.
- Hagfors, L.I., Molnar, P., Paraschiv, F. & Westgaard, S. (2016). Using quantile regression to analyze the effect of renewables on EEX price formation, **Renewable Energy and Environmental Sustainability**, 32(1), DOI: 10.1051/rees/2016036.
- Keles, D., Scelle, J., Paraschiv, F. & Fichtner, W. (2016). Extended forecast methods for day-ahead electricity spot prices applying artificial neural networks (ANN), **Applied Energy**, 162, 218—230.
- Paraschiv, F., Hadzi-Mishev, R. & Keles, D., (2015). Extreme Value Theory for heavy-tails in electricity prices. **Journal of Energy Markets**, forthcoming.
- Paraschiv, F., Mudry, P.-A. & Andries, A., (2015). Stress testing techniques for portfolios of commodity futures, using extreme-value theory and copulas, **Economic Modeling**, 50, 9—18.
- Paraschiv, F., Fleten, S.-E. & Schürle, M. (2015). A spot-forward model for electricity prices with regime shifts. **Energy Economics,** 47, 142—153.
- Paraschiv, F., Erni, D. & Pietsch, R. (2014). The impact of renewable energies on EEX day-ahead electricity prices. **Energy Policy**, 73, 196—210.
- Kovacevic, R. & Paraschiv, F. (2014). Medium-term planning for thermal electricity production. **OR Spectrum**, 36(3), 723—759. (**Best Paper Award**, Conference Energy Finance, Essen 2013).
- Daviou, A. & Paraschiv, F. (2014). Investors' behavior under changing market volatility. **Journal of Investing,** 23(2), 96—113.
- Paraschiv, F. (2013). Adjustment policy of deposit rates in the case of Swiss non-maturing savings accounts. **Journal of Applied Finance & Banking**, 3(2), 271—323.
- Paraschiv, F. (2012). Modeling non-maturing savings volumes. **Economics and Finance Review**, 2(05/2012), 100—105.

Papers under review in scientific journals

- Paraschiv, F., Bunn, D. & Westgaard, S. (2016). A fully parametric approach for quantile regressions with time-varying coefficients, under review in **Journal of the American Statistical Association (1st round).**
- Kiesel, R. & Paraschiv, F. (2016). Econometric analysis of 15-minute intraday electricity prices, under review in **Energy Economics (2nd round)**.
- Benth, F.E. & Paraschiv, F. (2016). A structural model for electricity forward prices, under review in **Journal of Banking and Finance.**
- Aepli, M.D., Frauendorfer, K., Füss R. & Paraschiv, F. (2016). The Predictive Power of Multivariate Dynamic Copula Models, under review in **Journal of Commodity Markets.**

Book contributions

- Celik, G., Frauendorfer, K. & Paraschiv, F. (2014). Joint dynamics of European and American oil prices. In M. Prokopczuk (ed.): **Energy Pricing Models: Recent Advances, Methods, and Tools**, published by Palgrave Macmillan, 2014, 43—95, ISBN 978-1-137-37734-0.
- Mudry, P.-A. & Paraschiv, F. (2014). Stress testing techniques for portfolios of commodity futures, using extreme-value theory and copulas. In R.J. Fonseca et al. (eds.): **Computational Management Science. Lecture Notes in Economics and Mathematical Systems, 682,** DOI 10.1007/978-3-319-20430-7_3.
- Paraschiv, F. (2013). Price dynamics in electricity markets. In R. M. Kovacevic, G. Ch. Pflug, M. T. Vespucci (eds.): **Risk Management in Energy Production and Trading**, 57-111, ISBN 978-1-4614-9034-0.
- Paraschiv, F., & Schürle, M. (2013). Optimizing risk and return of non-maturing products by dynamic replication. In A. Bohn, M. Elkenbracht (eds.): **The Handbook of Asset and Liability Management in Banking**, Risk Books, 139-185, ISBN 978-1-78272011-9.

Books

- Paraschiv, F. (2011). **Modeling client rates and volumes of the non-maturing savings accounts.** Bank- und Finanzwirtschaftliche Forschungen, Haupt Verlag, Bern, ISBN 978-3-258-07706-2.
- Paraschiv, F. (2006). **Creare si deturnare de comert ca urmare a extinderii UE – analiza econometrica** (Econometric analysis on the effects of trade diversion and trade creation as a consequence of the EU enlargement) – Publisher: LUMEN Iasi, ISBN 973-7766-45-8.

Working Papers

- Kovacevic, R., Paraschiv, F. & Schürle, M., (2015). Indifference pricing of non-standard power contracts.
- Erdös, P. & Paraschiv, F. (2013). Do U.S. ethanol expansion and speculation induce food insecurity in Mexico? Working paper, School of Finance, University of St. Gallen.
- Kiesel, R., Paraschiv, F. & Saethero, A. (2016). Dynamics of price forward curves, Working paper, University Duisburg-Essen, Germany.
- Paraschiv, F. & Schürle, M. (2009). Modeling client rate and volumes of non-maturing accounts. Working paper, ior/cf-HSG, University of St. Gallen.

Organization of conferences, editorial board journals

- **Energy Finance Christmas Workshop**, 4th Edition, St. Gallen, Switzerland, 2014.
- **Finance Seminar Series**, University of St. Gallen, Switzerland, 2014.
- **Energy Research Workshop Disentis**, Switzerland, January 2016.
- **Associate Editor** of the Journal of Commodity Markets.

Teaching Activities (in English)

- **Introduction in Statistics**, for Master of Banking and Finance (Fall 2010 and 2011), University of St. Gallen, Switzerland.

- **Quantitative Aspects of Financial Regulation**, (Fall Semester, since 2011), School of Finance, University of St. Gallen, Switzerland; (Fall Semester 2015), Faculty of Economics, University of Duisburg-Essen, Germany.
- **Price Dynamics in Energy Markets and their Interdependencies**, (Spring Semester, since 2012), School of Finance, University of St. Gallen, Switzerland.
- **Advanced Energy Trading**, **(Spring Semester 2016)**, School of Finance, University of St. Gallen, Switzerland.

Languages

- **English** (excellent)
- **French** (fluent)
- **German** (fluent)
- **Italian** (very good)
- **Norwegian** (beginner)
- **Romanian** (mother tongue)

Conferences and Invited Talks

- Energy and Commodity Finance Conference, Paris, 2016: *A structural model for electricity forward prices.*
- Commodity Finance Conference Hannover, 2016: *A fully parametric approach for quantile regressions with time-varying coefficients.*
- 19^{th} European Conference on Mathematics for Industry, Santiago de Compostela, 2016: *A fully parametric approach for quantile regressions with time-varying coefficients.*
- Seminar Energy and Finance University of Duisburg-Essen, Germany, (invited talk), 2016: *A structural model for electricity forward prices*
- Science meets Social Science (S3) Invited Talk University of Wroclaw, 2016: *A structural model for electricity forward prices*
- Energy Research Workshop Disentis, Switzerland, 2016: *Optimization of hydro storage systems and indifference pricing of power contracts.*
- Energy Finance Christmas Workshop, Paris, 2015: *A fully parametric approach for quantile regressions with time-varying coefficients.*
- Energy Finance Conference, London, 2015: *A fully parametric approach for quantile regressions with time-varying coefficients.*
- International Conference on Operations Research, Vienna, 2015: *A fully parametric approach for quantile regressions with time-varying coefficients.*
- Conference on Stochastic Models, Statistics and their Applications, Wroclaw, 2015: *Optimization of hydro storage systems and indifference pricing of power contracts.*
- Energy Finance Christmas Workshop, St. Gallen, 2014: *Indifference pricing of non-standard power contracts.*
- Seminar Series Energy and Finance, University Duisburg-Essen, invited talk, 2014: *A spot-forward model for electricity prices with regime shifts*
- Imperial College, London, invited talk, 2014: *Medium-term planning for thermal electricity production.*
- ETH Zürich, invited talk, 2014. *Medium-term planning for thermal electricity production.*
- Energy Finance Conference, Erice, 2014: *The impact of renewable energies on EPEX day-ahead electricity prices.*
- 5^{th} International Disaster and Risk Conference, Davos, 2014: *Stress-testing for portfolios of commodities.*

- International Federation of Operational Research Societies (IFORS), Barcelona, 2014: *Medium-term planning for thermal electricity production.*
- 11th International Conference on Computational Management Science, Lisabon. 2014: *Stress-testing for portfolios of commodities.*
- 3rd Energy Finance Christmas Workshop, Oslo, 2013: *A spot-forward model for electricity prices with regime shifts.*
- Conference Energy Finance, Essen, 2013: *Medium-term planning for thermal electricity production.*
- Workshop on Risk Management in Energy Production and Trading, Vienna, 2013*: Price dynamics in electricity markets.*
- International Conference in Stochastic Programming, Bergamo, 2013: *Medium-term planning for thermal electricity production.*
- International Symposium in Mathematical Programming, Berlin, *(Session organizer)*, 2012*: Modeling negative electricity prices.*
- Operations Research Conference, Zürich, 2011: *Modeling client rate and volumes of non-maturing accounts.*
- Computational Management Science Conference, Vienna, 2010: *Modeling the rigidity of the client rate of non-maturing savings accounts.*
- Invited Lecture, University of Vienna, 2010: *Distinguished price-dynamics in energy trading - application on gas market*
- Computational Management Science Conference, Geneva, 2009: *Modeling client rate and volumes of non-maturing savings accounts.*

Hobbies

- playing violin and piano