

## KAREL JANDA - CV

### Address:

Department of Microeconomics and Mathematical Methods,  
Institute of Economic Studies,  
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Citizenship: Czech Republic  
Family Status: Married, with 3 children

## WORK EXPERIENCE

*Department of Banking and Insurance, Faculty of Finance and Accounting, University of Economics, Prague*

Professor: March 1, 2009 - present.

Associate Professor; February 1, 2005 - February 28, 2009.

Assistant Professor; September 1, 2003 - January 31, 2005.

*Department of Microeconomics and Mathematical Methods, Institute of Economic Studies, Faculty of Social Sciences, Charles University, Prague.*

Professor in Economics; March 1, 2009 - present.

Chairman of the Department: March 1, 2011 - present.

Senior Associate Dean; February 15, 2010 - June 30, 2010.

Associate Professor; February 1, 2005 - February 28, 2009.

Assistant Professor; August 1, 2003 - January 31, 2005.

*CERGE-EI (Center for Economic Research and Graduate Education of Charles University - Economic Institute of Academy of Sciences of the Czech Republic), Prague.*

Affiliate Fellow: September 1, 2008 - December 31, 2014.

Researcher and Lecturer; September 1, 1993 - August 31, 1998; May 5, 2000 - December 31, 2000; January 16, 2006 - August 11, 2006.

*University of Iowa.*

Research and Teaching Assistant; September 1, 1998 - July 31, 2003.

*Research Institute of Agricultural Economics, Prague.*

Researcher; October 1, 1989 - August 31, 1998.

*Department of Agricultural and Resource Economics, University of California, Berkeley.*

Junior Specialist; August 19, 1994 - June 20, 1995

*National Corporate Headquarters, Food manufacturing corporation "Cokoladovny", Prague.*

Planner; September 1, 1988 - September 30, 1989.

## TEACHING EXPERIENCE

Teacher for graduate Ph.D. course *Applied Banking and Finance*, Charles University, Fall 2019, 2020, 2021, Spring 2020, 2021, 2022.

Teacher for graduate Ph.D. course *Economics and Law in Banking and Finance*, Charles University, Fall 2004, 2005, 2006, 2007, 2008, 2009, 2011, 2012, 2013, 2014, 2015, 2017, 2018, Spring 2005, 2006, 2007, 2008, 2009, 2010, 2012, 2013, 2014, 2015, 2016, 2018, 2019.

Teacher for graduate MA course *Microeconomics of Banking*, Charles University, Spring 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2012, 2013, 2014, 2015, 2016, 2018, 2019, 2020, 2021, 2022, University of Economics, Prague, Spring 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2012, 2013, 2015, 2016, Fall 2004, 2005, 2006, 2007, 2008, 2009, 2011.

Teacher for graduate Ph.D. course *Microeconomics*, Charles University, Fall 2003, Spring 2004.

Teacher for graduate MA course *Microeconomics Advanced I*, Charles University, Fall 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2011, 2012, 2013, 2014, 2015, 2017, 2018, 2019, 2020, 2021.

Teacher for graduate MA course *Microeconomics Advanced II – Game Theory*, Charles University, Spring 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2012, 2013, 2014, 2015, 2016, 2018, 2019, 2020, 2021, 2022.

Teacher for graduate MA course *Economics of Incentives and Contracts*, Charles University, Fall 2003, 2004, 2005, 2006, 2007, 2008, 2009.

Teacher for graduate MA course *Financial Contracting*, University of Economics, Prague, Fall 2004, 2005, 2006, 2007, 2008, 2009, 2011, 2012, 2013, 2014, 2015, 2018, 2019, 2021, Spring 2005, 2006, 2007, 2008, 2009, 2010.

Teacher for graduate MA course *Asset Management*, University of Economics, Prague, Summer 2005, 2006, 2008, 2009, 2011.

Co-teacher for graduate MA course *International Investment* University of Economics, Prague, Spring 2004.

Teacher for undergraduate course *Banking and Financial Institutions*, University of Economics, Prague, Fall 2015, 2017, 2018, 2019, 2020, 2021, Spring 2016, 2018, 2019, 2020, 2021, 2022.

Teacher for undergraduate course *Banking Products and Operations*, University of Economics, Prague, Fall 2011, 2012, 2013, 2014, 2015, Spring 2012, 2013, 2014, 2015, 2016.

Teacher for undergraduate course *Financial Theory, Policies, and Institutions*, University of Economics, Prague, Spring 2006, 2008, 2009, 2010, Fall 2007, 2008, 2009.

Teacher for undergraduate course *Money, Banking, and Financial Markets*, University of Economics, Prague, Fall 2003, 2004, 2005, 2006, Spring 2004, 2005.

Teacher for undergraduate course *Banking Seminar*, University of Economics, Prague, Fall 2003, 2004, 2005, 2007 Spring 2004, 2005, 2006, 2007, 2008.

Teacher for graduate MA course *Banking Seminar*, University of Economics, Prague, Fall 2003, 2012, 2013, Spring 2009, 2010, 2012, 2013, 2014.

Teacher for graduate Ph.D. course *Microeconomics II*, CERGE-EI, Spring 2006.

Teacher for graduate Ph.D. course *Microeconomics I*, CERGE-EI, Fall 2000.

Teacher for graduate Ph.D. course *Microeconomics III*, CERGE-EI, Summer 2000.

Teacher for graduate Ph.D. course *Mathematics - Summer Semester*, CERGE-EI, Summer 1999.

Teaching assistant for undergraduate course *06E-071 Statistics for Strategy Problems*, University of Iowa, Spring 1999, 2000, 2001, 2002, 2003, Fall 1999, 2001, 2002.

Teacher for graduate Ph.D. course *Industrial Organization II*, CERGE-EI, Spring

1998.

Teacher for graduate MA course *Industrial Organization*, Charles University, Fall 1997.

Teacher for graduate Ph.D. course *Microeconomics - Summer Semester*, CERGE-EI, Summer 1996, 1997, 1998.

Co-teacher for graduate Ph.D. course *Econometrics II*, CERGE-EI, Summer 1997.

Teaching assistant for graduate Ph.D. course *Mathematical Statistics*, CERGE-EI, Fall 1995.

Teaching assistant for graduate Ph.D. course *Industrial Organization*, CERGE-EI, Fall 1993.

### VISITING SCHOLAR

*University of Oxford*, planned for May-September, 2022.

*Australian National University*, Canberra, April 26 - September 1, 2018, November 26, 2018 - February 9, 2019.

*Department of Economics, McGill University*, Montreal, May 3, 2016 - September 26, 2017.

*Australian National University*, Canberra, April 21 - September 19, 2015.

*New Economic School*, Moscow, April 18 - September 22, 2014.

*Toulouse School of Economics*, May 24 - September 22, 2013.

*Australian National University*, Canberra, April 30 - September 13, 2012.

*Department of Agricultural and Resource Economics, University of California*, Berkeley. May 19, 2010 - September 24, 2011.

*Rochester Institute of Technology*, January 15 - January 30, 2005.

*International Center for Land Policy Studies and Training*, Taiwan. March 3 - April 23, 1997.

*Department of Agricultural and Resource Economics, University of California*, Berkeley. August 19, 1994 - June 20, 1995.

*Department of Applied Economics, University of Cambridge*. June 6, 1994 - August 16, 1994.

*Georgetown University*, Washington D.C. August 19, 1992 - August 31, 1993.

### VISITING STUDENT

*Moscow State University*, Soviet Union. May, June 1987.

### EDUCATION

**Graduate:** Department of Economics, University of Iowa, 1998 - 2003.

M.A. degree, 2001.

Ph.D degree, May 2003.

The Center For Economic Research And Graduate Education (CERGE), Charles University. 1992-1996.

Dr. degree, 1996.

**Undergraduate:** Prague School of Economics, Faculty of General Economics. 1984-1988.

Ing. degree, 1988.

**High School:** Gymnazium J.K.Tyla Hradec Kralove. Specialization on mathematics and physics. 1980-84.

## LANGUAGES

Czech - native language  
Slovak - passive knowledge  
English - active knowledge  
Russian - active knowledge  
Polish - passive knowledge  
French - very basic elementary knowledge. I am in the process of learning this language.

## RESEARCH INTERESTS

I am mainly interested in microeconomics and applied econometrics in the following areas: Microeconomics of Banking, Natural Resources and Agricultural Economics, Economics of Transition and Development.

## WORK IN PROGRESS

**Joint with: Rocha, Luiz Celio S.; Rotella, Junior Paulo and Aquila, Giancarlo.**

"Utility-Scale Energy Storage Systems: World Conditions and Brazilian Perspectives." Revise and resubmit to *Renewable Energy*.

**Joint with: de Doile, Gabriel N. D.; Rocha, Luiz Celio S.; Rotella, Junior Paulo and Aquila, Giancarlo.**

"Feasibility of Hybrid Wind and Photovoltaic Distributed Generation and Battery Energy Storage Systems Under Techno-Economic Regulation." Revise and resubmit to *Renewable Energy*.

**Joint with: Rotella, Junior Paulo; Rocha, Luiz Celio S.; Peruchi, Rogério S.; Pamplona, Edson de Oliveira and Aquila, Giancarlo.** "Robust Portfolio Optimization: A Stochastic Evaluation of Worst-Case Scenarios." Submitted to Investment Analyst Journal.

Stochastic Economic Feasibility Analysis of Photovoltaic Distributed Generation and Battery Energy Storage Systems Under the Brazilian Economic Regulation

Financial Multi-Objective Optimization for Hybrid Residential Distributed Generation Systems Using Battery Storage

Economic Feasibility Analysis of the Distributed Generation of Energy from Biogas

Electricity Pricing and the Propensity to Purchase Dirty Fuels: Empirical Evidence from a Tariff Shift in Russia

Banking Supervision and Risk-Adjusted Performance in the Host Country Environment

Supervisory Stress Tests and Portfolio Adjustments in European Banks

Risk Taking and Moral Hazard in the Financial Institutions.

Microfinance Group Lending under Asymmetric Information.

Attractiveness of Chinese Bonds Financing Climate and Environmental Projects.

Decarbonising Chinas Economy: The Role of Renewable Energy and Technology Innovation.

The Merit Order Effect of Green Hydrogen Fuelled Gas Turbine Power Plant in a Major Gas Producing Country.

#### PAPERS PUBLISHED IN REFEREED JOURNALS

- Janda, Karel; Kristoufek, Ladislav and Zhang, Bin Yi.** "Return and Volatility Spillovers between Chinese and U.S. Clean Energy Related Stocks." *Energy Economics*, forthcoming.
- Janda, Karel and Kravtsov, Oleg.** "Regulatory Stress Tests and Bank Responses: Heterogeneous Treatment Effect in Dynamic Settings." *International Journal of Central Banking*, forthcoming.
- Janda, Karel; Kristoufek, Ladislav; Schererova, Barbora and Zilberman, David.** "Price Transmission in Biofuels-Related Global Agricultural Networks." *Agricultural Economics* 2021, 67 (10), pp. 399-408. <https://doi.org/10.17221/223/2021-AGRICECON>
- de Doile, Gabriel N. D.; Rotella, Junior Paulo; Rocha, Luiz Celio S.; Carneiro, Priscila F. G.; Peruchi, Rogerio S.; Janda, Karel and Aquila, Giancarlo.** "Impact of Regulatory Changes on Economic Feasibility of Distributed Generation Solar Units in Brazil." *Sustainable Energy Technologies and Assessments* 2021, vol. 48, article number 101660. <https://doi.org/10.1016/j.seta.2021.101660>.
- de Doile, Gabriel N. D.; Rotella, Junior Paulo; Rocha, Luiz Celio S.; Bolis, Ivan; Janda, Karel and Coelho, Junior Luiz Moreira.** "Hybrid Wind and Solar Photovoltaic Generation with Energy Storage Systems: A Systematic Literature Review and Contributions to Technical and Economic Regulations." *Energies* 2021, 14 (20), article number 6521. <https://doi.org/10.3390/en14206521>.
- Rotella, Junior Paulo; Rocha, Luiz Celio S.; Morioka, Sandra Naomi; Bolis, Ivan; Chicco, Gianfranco; Mazza, Andrea and Janda, Karel.** "Economic Analysis of the Investments in Battery Energy Storage Systems: Review and Current Perspectives." *Energies* 2021, 14 (9), article number 2503. <https://doi.org/10.3390/en14092503>
- de Doile, Gabriel N. D.; Rotella, Junior Paulo; Carneiro, Priscila F. G.; Peruchi, Rogerio S.; Rocha, Luiz Celio S.; Janda, Karel and Aquila, Giancarlo.** "Economic Feasibility of Photovoltaic Micro-Installations Connected to the Brazilian Distribution Grid in Light of Proposed Changes to Regulations." *Energies* 2021, 14 (6), article number 1529. <https://doi.org/10.3390/en14061529>
- Rocha, Luiz Celio S.; Rocha, Mariana S.; Rotella, Junior Paulo; Aquila, Giancarlo; Peruchi, Rogerio S.; Janda, Karel and Azevedo, Romulo O.** "Robust Multi-objective Optimization for Response Surface Models Applied to Direct Low-value Natural Gas Conversion Processes." *Entropy* 2021, 23 (2), article number 248. <https://doi.org/10.3390/e23020248>
- Janda, Karel and Kourilek, Jakub.** "Residual Shape Risk on Natural Gas Market with Mixed Jump Diffusion Price Dynamics." *Energy Economics* 2020, vol. 85, article number 104465.
- Janda, Karel and Kristoufek, Ladislav.** "The Relationship between Fuel and Food Prices: Methods and Outcomes." *Annual Review of Resource Economics* 2019, vol. 11, pp. 195-216.

- Filip, Ondrej; Janda, Karel; Kristoufek, Ladislav and Zilberman, David.** "Food Versus Fuel: An Updated and Expanded Evidence." *Energy Economics* 2019, vol. 82, pp. 152-166.
- Janda, Karel; Lajksnerova, Zuzana and Mikolasek, Jakub.** "A General Equilibrium Model of Optimal Alcohol Taxation in the Czech Republic." *Prague Economic Papers* 2019, 28 (5), pp. 589-611.
- Janda, Karel.** "Earnings Stability and Peer Company Selection for Multiple Based Indirect Valuation." *Czech Journal of Economics and Finance* 2019, 69 (1), pp. 37-75.
- Janda, Karel and Strobl, Martin.** "Smoking Czechs: Modelling Tobacco Consumption and Taxation." *Prague Economic Papers* 2019, 28 (1), pp. 3-29.
- Janda, Karel and Kravtsov, Oleg.** "Basel III Leverage and Capital Ratio over the Economic Cycle in the Czech Republic and its Comparison with the CEE Region." *European Financial and Accounting Journal* 2018, 18(4), pp. 5-24.
- Janda, Karel.** "Slovak Electricity Market and the Price Merit Order Effect of Photovoltaics." *Energy Policy* 2018, vol. 122, pp. 551-562.
- Malek, Jan; Recka, Lukas and Janda, Karel.** "Impact of German Energiewende on Transmission Lines in the Central European Region." *Energy Efficiency* 2018, 11 (3), pp. 683-700.
- Filip, Ondrej; Janda, Karel and Kristoufek, Ladislav.** "Ceny biopaliv a souvisejících komodit: analýza s použitím metod minimální kostry grafu a hierarchických stromů." (In Czech.) ("Prices of Biofuels and Related Commodities: an Analysis Using Methods of Minimum Spanning Tree and Hierarchical Tree.") *Politická Ekonomie* 2018, 66 (2), pp. 64-86.
- Janda, Karel; Malek, Jan and Recka, Lukas.** "Vliv obnovitelných zdrojů na českou soustavu přenosu elektriny." (In Czech.) ("The Impact of Renewable Energy Sources on the Czech Electricity Transmission System.") *Politická Ekonomie* 2017, 65 (6), pp. 728-750.
- Moreira, David and Janda, Karel.** "Measuring the M&A Value of Control and Synergy in Central and Eastern European Transition Economies with the Case of Avast - AVG Acquisition." *European Financial and Accounting Journal* 2017, 12 (3), pp. 155-168.
- Janda, Karel; Malek, Jan and Recka, Lukas.** "Influence of Renewable Energy Sources on Transmission Networks in Central Europe." *Energy Policy* 2017, vol. 108, pp. 524-537.
- Janda, Karel; Kourilek, Jakub and Trabelsi, Sarah.** "Price Co-movement Between Biodiesel and Natural Gas" *Journal of Environmental Management and Tourism* 2017, 8 (1), pp. 7-16.
- Lunackova, Petra; Prusa, Jan and Janda, Karel.** "The Merit Order Effect of Czech Photovoltaic Plants." *Energy Policy* 2017, vol. 106, pp. 138-147.
- Filip, Ondrej; Janda, Karel; Kristoufek, Ladislav and Zilberman, David.** "Dynamics and Evolution of the Role of Biofuels in Global Commodity and Financial Markets." *Nature Energy*, article number 16169, 1 (12), December 2016, 9 pages.

- Kristoufek, Ladislav; Janda, Karel and Zilberman, David.** "Comovements of Ethanol Related Prices: Evidence from Brazil and the USA." *Global Change Biology (GCB) Bioenergy* 2016, 8 (2), pp. 346-356.
- Havranek, Tomas; Irsova, Zuzana, Janda, Karel and Zilberman, David.** "Selective Reporting and the Social Cost of Carbon." *Energy Economics* 2015, vol. 51, pp. 394-406.
- Janda, Karel; Tran, Van Quang and Zetek, Pavel.** "The Factors Influencing the Participation of Women in Microfinance." (In Czech.) ("Faktory ovlivnující zapojení žen v mikrofinancích.") *Politická ekonomie*, 2015, 63 (3), pp. 363-381.
- Janda, Karel; Tran, Van Quang and Zetek, Pavel.** "Influence of External Funding on Microfinance Performance – Macro Perspective." (In Czech.) ("Vliv externího financování na mikrofinanční rozvoj – makropohled.") *Ekonomický časopis - Journal of Economics*, 2015, 63 (2), pp. 115-132.
- Janda, Karel and Zetek, Pavel.** "Microfinance Revolution: Controversies and Challenges." (In Czech.) ("Mikrofinanční revoluce: kontroverze a výzvy.") *Politická ekonomie*, 2015, 63 (1), pp. 108-130.
- Janda, Karel.** "Export Credit Agencies in the Czech Republic and Their Market Power." *CESifo Forum* 2014, 15 (3), pp. 45-51.
- Janda, Karel; Rausser, Gordon and Barbora Svarovska.** "Can Investment in Microfinance Funds Improve Risk-Return Characteristics of a Portfolio?" *Technological and Economic Development of Economy*, 2014, 20 (4), pp. 673-695.
- Kristoufek, Ladislav; Janda, Karel and Zilberman, David.** "Price Transmission between Biofuels, Fuels and Food Commodities." *Biofuels, Bioproducts and Biorefining* 2014, 8 (3), pp. 362-373.
- Blahova, Pavla; Janda, Karel and Kristoufek, Ladislav.** "The Perspectives for Genetically Modified Cellulosic Biofuels in the Central European Conditions." *Agricultural Economics* 2014, 60 (6), pp. 247-259.
- Janda, Karel; Krska, Stepan and Prusa, Jan.** "Czech Photovoltaic Energy: Model Estimation of the Costs of Its Support." (In Czech.) ("Česká fotovoltaická energie: modelový odhad nákladu na její podporu.") *Politická ekonomie* 2014, 62 (3), pp. 323-346.
- Janda, Karel and Zetek, Pavel.** "Macroeconomic Factors Influencing Interest Rates of Microfinance Institutions in Latin America and the Caribbean." *Agricultural Economics* 2014, 60 (4), pp. 159-173.
- Chrz, Stepan; Janda, Karel and Kristoufek, Ladislav.** "Modeling Interconnections within Food, Biofuel, and Fossil Fuel Markets." (In Czech.) ("Modelování provazanosti trhu potravin, biopaliv a fosilních paliv.") *Politická ekonomie* 2014, 62 (1), pp. 117-140.
- Janda, Karel; Michalikova, Eva and Skuhrovec, Jiri.** "Credit Support for Export: Robust Evidence from the Czech Republic." *The World Economy* 2013, 36 (12), pp. 1588-1610.
- Janda, Karel and Turbat, Batbayar.** "Determinants of Financial Performance of Microfinance Institutions in Central Asia." *Post-Communist Economies* 2013, 24 (5), pp. 558-569.

- Prusa, Jan; Klimesova, Andrea and Janda, Karel.** "Consumer Loss in Czech Photovoltaic Power Plants in 2010-2011." *Energy Policy* 2013, vol. 63, pp. 747-755.
- Vacha, Lukas; Janda, Karel, Kristoufek, Ladislav and Zilberman, David.** "Time-Frequency Dynamics of Biofuel-Fuel-Food System." *Energy Economics* 2013, vol. 40, pp. 233-241.
- Janda, Karel; Rausser, Gordon and Strielkowski, Wadim.** "Determinants of Profitability of Polish Rural Micro-enterprises at the Time of EU Accession." *Eastern European Countryside* 2013, vol. 19, pp. 177-217.
- Kristoufek, Ladislav; Janda, Karel and Zilberman, David.** "Regime-dependent Topological Properties of Biofuels Networks." *European Physical Journal B* 2013, 86 (2), article 40, 12 pages.
- Janda, Karel and Svarovska, Barbora.** "Performance of Microfinance Investment Vehicles." *Journal of Economics* 2013, 61 (1), pp. 47-66.
- Kristoufek, Ladislav; Janda, Karel and Zilberman, David.** "Correlations Between Biofuels and Related Commodities Before and During the Food Crisis: A Taxonomy Perspective." *Energy Economics* 2012, 34 (5), pp. 1380-1391.
- Janda, Karel; Kristoufek, Ladislav and Zilberman, David.** "Biofuels: Policies and Impacts." *Agricultural Economics* 2012, 58 (8), pp. 372-386.
- Havranek, Tomas; Irsova, Zuzana and Janda, Karel.** "Demand for Gasoline Is More Price-Inelastic than Commonly Thought." *Energy Economics* 2012, 34 (1), pp. 201-207.
- Janda, Karel and Rausser, Gordon.** "Comparing American and European Regulation of Over-the-Counter Derivative Securities." *European Financial and Accounting Journal* 2011, 6 (4), pp. 7-19.
- Janda, Karel.** "Inefficient Credit Rationing and Public Support of Commercial Credit Provision." *Journal of Institutional and Theoretical Economics* 2011, 167 (2), pp. 371-391.
- Janda, Karel and Mikolasek, Jakub.** "Success in Economic Transformation of the Czech Beer Industry and Its Social Costs and Benefits." *Transformations in Business and Economics* 2011, 10 (3), pp. 117-137.
- Janda, Karel and Svarovska, Barbora.** "Investing into Microfinance." *Journal of Business Economics and Management* 2010, 11 (3), pp. 483-510.
- Janda, Karel; Mikolasek, Jakub and Netuka, Martin.** "Complete Almost Ideal Demand System Approach to Czech Alcohol Demand." *Agricultural Economics* 2010, 56 (9), pp. 421-434.
- Janda, Karel; Michalikova, Eva and Potacelova, Vera.** "Gravity and Fiscal Models of Government Support of Export Credit in the Czech Republic." (In Czech.)("Gravitacni a fiskalni modely statni podpory exportnich uveru v Ceske republice.") *Politicka ekonomie* 2010, 58 (3), pp. 305-325.
- Dokulilova, Lenka; Janda, Karel and Zetek, Pavel.** "Sustainability of Microfinance Institutions in Financial Crisis." *European Financial and Accounting Journal* 2009, 4 (2), pp. 7-33.



- Janda, Karel.** "Bankruptcies with Soft Budget Constraint." *Manchester School* 2009, 77 (4), pp. 430-460.
- Janda, Karel.** "Methodology and Empirical Analysis of Social Changes and Economic Risk in Complex Systems." Review in *Prague Economic Papers* 2009, 18 (1), pp. 88-93.
- Janda, Karel.** "Uverova podpora investicnich zameru v Ceske republice." (In Czech.) ("Credit Support of Investment in the Czech Republic.") *Acta Oeconomica Pragensia* 2009, 17 (2), pp. 3-20.
- Janda, Karel.** "Statni podpora ceskych vyvoznich uveru." (In Czech.) ("Government Support of the Czech Export Credit.") *Cesky financni a uctni casopis* 2008, 3 (1), pp. 1-13.
- Janda, Karel and Cajka, Martin.** "Ceska uverova podpora zemedelstvi: analyza prvnich deseti let." (In Czech.) ("Czech Credit Support to the Agriculture: The Analysis of the First 10 Years.") *Czech Economic Review* 2007, 1 (2), pp.135-154.
- Janda, Karel.** "Optimal Debt Contracts in Emerging Markets with Multiple Investors." *Prague Economic Papers* 2007, 16 (2), pp.115-129 .
- Janda, Karel.** "Analysis of the Budgetary Costs of the Supporting and Guarantee Agricultural and Forestry Fund." *Czech Journal of Economics and Finance* 2006, 56 (9-10), pp.416-434.
- Janda, Karel.** "Agency Theory Approach to the Contracting between Lender and Borrower." *Acta Oeconomica Pragensia* 2006, 14 (3), pp.34-47.
- Janda, Karel and Cajka, Martin.** "Podpora zemedelskeho uveru na Slovensku a v Ceske republice." (In Czech.)("The Support of Agricultural Credit in Slovakia and in the Czech Republic.") *Journal of Economics/ Ekonomicky casopis* 2006, 54 (2), pp.139-153.
- Janda, Karel.** "The Comparison of Credit Subsidies and Guarantees in Transition and Post-Transition Economies." *Journal of Economics/ Ekonomicky casopis* 2005, 53 (4), pp.383-398.
- Janda, Karel and Munich, Daniel.** "The Intra-Industry Trade of the Czech Republic." *Emerging Markets Finance and Trade* 2004, 40 (2), pp. 27-50.
- Janda, Karel.** "Credit Guarantees in a Credit Market with Adverse Selection." *Prague Economic Papers* December 2003, 12 (4), pp. 331-349.
- Janda, Karel.** "Signalling and Underutilization of Import Quota and Voluntary Export Restraint." *Journal of International Trade and Economic Development*, December 2002, 11 (4), pp. 351-365.
- Janda, Karel.** "Debt Renegotiation with Collateral under Asymmetric Information." *Czech Journal of Economics and Finance*, November 2002, 52 (11-12), pp. 634-635.
- Janda, Karel.** "Model konkurencniho uveroveho trhu v podminkach nedokonalnych informaci." (In Czech.)("A Model of a Competitive Credit Market in the Conditions of Imperfect Information.") *Politicka ekonomie*, August 2002, 50 (4), pp. 551-566.

- Janda, Karel and Munich, Daniel.** "Cesky vnitroodvetvovy mezinarodni obchod a jeho vazby na trh prace." (In Czech.)("The Czech Intra-Industry Trade and its Labor Market Determinants.") *Politicka ekonomie*, April 2002, 50 (2), pp.228-238.
- Janda, Karel.** "Monopolistic Credit Market in the Conditions of Imperfect Information." *Prague Economic Papers*, September 2000, 9 (3), pp.269-282.
- Janda, Karel; McCluskey, Jill and Rausser, Gordon.** "Food Import Demand in the Czech Republic." *Journal of Agricultural Economics*, January 2000, 51 (1), pp.22-44.
- Janda, Karel and Volosin, Josef.** "Poptavka po dovozu potravin z rozvojovych a transformujicich se zemi." (In Czech.)("The Demand for Food Imported from Developing and Transition Economies.") *Politicka ekonomie*, February 1998, 46 (1), pp.43-56.
- Janda, Karel and Rausser, Gordon.** "The Estimation of Hicksian and Expenditure Elasticities of Conditional Demand for Food in the Transition Economy 1993-1995." *Central European Journal of Operations Research and Economics*, 1997, 5 (2), pp.155-171.
- Janda, Karel; Sklenkova, Hana and Vigner, Jaroslav.** "Financovani ceskeho zemedelstvi — ekonometricka evidence." (In Czech.) ("The Financing of the Czech Agriculture — Econometric Evidence.") *Politicka ekonomie*, October 1997, 45 (5), pp.708-718.
- Janda, Karel.** "Czech Import Demand for Agricultural Products Differentiated by the Degree of Processing." *Communist Economies and Economic Transformation*, June 1997, 9 (2), pp.183-207.
- Dubovicka, Sarka; Janda, Karel and Volosin, Josef.** "Czech Import Demand for Agricultural and Food Products from OECD Countries." *Agricultural Economics*, April 1997, 43(4), pp.153-158.
- Janda, Karel and Levinsky, Rene.** "Ocenovani uverovych garanci na zaklade modelu ocenovani opci." (In Czech.)("The Evaluation of Credit Guarantees Based on the Model of Option Valuation.") *Agricultural Economics*, July 1996, 42(7), pp.293-298.
- Goodhue, R.; Janda, K.; Lyons, R.; Rausser, G. and Simon, L.** "Kvantifikovatelný model ekonomické politiky pro východoevropské zemědělství a potravinářství." (In Czech, modified version of the paper "Computable Policy Model of Eastern European Agriculture and Food Industry.") *Politicka ekonomie*, April 1996, 44(2), pp.229-239.
- Goodhue, R.; Janda, K.; Lyons, R.; Rausser, G. and Simon, L.** "Computable Policy Model of Eastern European Agriculture and Food Industry." *Prague Economic Papers*, March 1996, 5(1), pp.70-79.
- Janda, Karel and Lutteken, Antonia.** "Transformation Strategies for Agricultural Cooperatives in Central and Eastern Europe." *Agricultural Economics*, December 1995, 41(12), pp. 525-531.
- Janda, Karel.** "Zemědělství a obchod v transformujících se ekonomikách." (In Czech.)("Agriculture and Trade in Transition Economies.") *Politicka ekonomie*, December 1995, 43(6), pp. 480-483.

- Janda, Karel and Offstein, Norman.** "Does Ownership Matter? A Production Function Approach." *Agricultural Economics*, August 1995, 41(8), pp. 357-365.
- Janda, Karel.** "The Econometric Application of the Linear Demand System to the Estimation of Demand for Selected Food Products." *Agricultural Economics*, May 1995, 41(5), pp. 197-206.
- Janda, Karel.** "Credit Rationing under Asymmetric Information." *Agricultural Economics*, March 1995, 41(3), pp. 117-26.
- Janda, Karel.** "Pojisteni vkladu a moralni hazard." (In Czech with English summary.) ("Deposit Insurance and Moral Hazard.") *Finance a uver*, October 1994, 44(10), pp. 550-55.
- Janda, Karel.** "Modelovani rizika akciového portfolia." (In Czech with English summary.) ("Modelling Risks of Share Portfolio.") *Finance a uver*, September 1994, 44(9), pp. 463-72.
- Janda, Karel and Linhart, Karel.** "Ekonomická efektivnost potravinarske finalizace zemedelske produkce." (In Czech.) ("Economic Efficiency of Food Industry.") *Agroekonomika*, September 1993, 31(9), pp. 421-23.
- Janda, Karel and Linhart, Karel.** "Ekonomická efektivnost zpracovani ovoce a zeleniny v zemich Evropskych spolecenstvi." (In Czech with English summary.) ("Economic Efficiency of Fruit and Vegetable Processing in the Countries of European Communities.") *Prumysl potravin*, February 1993, 44(2), pp. 51-53.
- Janda, Karel.** "Bankovnictvi, uverovani a financnictvi v zemedelstvi." (In Czech.) ("Banking, Crediting and Financing in Agriculture.") *Agricultural Economics*, August 1992, 38(8), pp. 665-66.
- Janda, Karel and Linhart, Karel.** "Potravinarsky prumysl v zemich Evropskych spolecenstvi." (In Czech.) ("Food Industry in the Countries of the European Communities.") *Agricultural Economics*, June 1992, 38(6), pp. 501-509.
- Janda, Karel and Linhart, Karel.** "Masny prumysl v zemich Evropskych spolecenstvi." (In Czech.) ("Meat Industry in the Countries of the European Communities.") *Agricultural Economics*, June 1992, 38(6), pp. 509-15.
- Janda, Karel and Linhart, Karel.** "Mlekarsky prumysl v zemich Evropskych spolecenstvi." (In Czech.) ("Dairy Industry in the Countries of the European Communities.") *Agricultural Economics*, June 1992, 38(6), pp. 516-521.
- Janda, Karel and Linhart, Karel.** "Vyuziti regresnich funkci pri kvantifikaci substitucniho efektu mezi potravinarskymi vyrobky." (In Czech with English summary.) ("The Use of Regression Functions for Quantification of Substitution Effects among Food Products.") *Agricultural Economics*, July 1991, 37(7), pp. 461-68.
- Janda, Karel; Linhart, Karel and Mezera, Josef.** "Vyuzitelnost retrospektivni baze dat socialne ekonomickych informaci v ekonometrickych kvantifikacich trzni ekonomiky." (In Czech with English summary.) ("Utilization of the Retrospective Data Base of Social and Economic Information in the Econometric Quantification of Market Economy.") *Agricultural Economics*, June 1991, 37(6), pp. 373-82.

- Janda, Karel; Linhart, Karel and Mezera, Josef.** "Vztahy nabídky a poptávky v tržní ekonomice agrárního potravinářského komplexu." (In Czech with English summary.) ("The Offer-Demand Relationship within the Market Economy in the Agri-food Complex." *Agricultural Economics*, March 1991, 37(3), pp. 154-64.
- Janda, Karel and Linhart, Karel.** "Tržní vztahy při zabezpečování výživy." (In Czech.) ("Market Relations in Securing Food and Nutrition.") *Ekonomika zemědělství*, March 1991, 30(3), pp. 76-78.
- Janda, Karel and Linhart, Karel.** "Subjekty a objekty tržní ekonomiky APK." (In Czech.) ("Subjects and Objects of Market Economy of the Agro-food Complex.") *Ekonomika zemědělství*, February 1991, 30(1-2), pp. 17-19.
- Janda, Karel and Linhart, Karel.** "Vymezení podstaty tržní ekonomiky APK." (In Czech.) ("Delineation of the Basic Features of Market Economy Related to the Agriculture-Food Industry Complex.") *Ekonomika zemědělství*, December 1990, 29(12), pp. 531-32.

#### PAPERS PUBLISHED IN NONREFEREED JOURNALS

- Janda, Karel and Vigner, Jaroslav.** "Problémy financování investic — IV." (In Czech.) ("The Problems of Investment Financing — IV.") *Zemedelec*, September 1997, 5(37), p.28.
- Janda, Karel and Vigner, Jaroslav.** "Problémy financování zemědělských investic — III." (In Czech.) ("The Problems of Agricultural Investment Financing — III.") *Zemedelec*, September 1997, 5(36), p.26.
- Janda, Karel and Vigner, Jaroslav.** "Problémy financování zemědělských investic — II." (In Czech.) ("The Problems of Agricultural Investment Financing — II.") *Zemedelec*, August 1997, 5(35), p.35.
- Janda, Karel and Vigner, Jaroslav.** "Problémy financování zemědělských investic — I." (In Czech.) ("The Problems of Agricultural Investment Financing — I.") *Zemedelec*, August 1997, 5(34), p.28.
- Janda, Karel and Sklenková, Hana.** "Právní podmínky využívání skladistních stvrzenek." (In Czech.) ("The Legal Preconditions of the Implementation of Warehouse Receipts.") *Zemedelec*, March 1997, 5(11), p.34.
- Janda, Karel and Sklenková, Hana.** "Využití skladistních stvrzenek — příklad Polska." (In Czech.) ("The Utilization of Warehouse Receipts — the Case of Poland.") *Zemedelec*, March 1997, 5(10), p.42.
- Janda, Karel and Sklenková, Hana.** "Skladistní stvrženky v procesu financování zemědělství." (In Czech.) ("Warehouse Receipts in the Process of Financing of Agriculture.") *Zemedelec*, February 1997, 5(9), p.43.
- Janda, Karel.** "Snižování výrobních ploch v ES." (In Czech.) ("The Reduction of Production Areas in EC.") *Hospodář*, November 1990, 1(9) p. 18.
- Janda, Karel.** "Regulace objemu výroby v ES." (In Czech.) ("The Regulation of the Volume of Production in EC.") *Hospodář*, November 1990, 1(8), p. 2.
- Janda, Karel.** "Výrobní kvoty v tržní ekonomice." (In Czech.) ("The Production Quotas in the Market Economy.") *Hospodář*, October 1990, 1(6), p. 8.

#### BOOKS, CHAPTERS IN BOOKS AND PROCEEDINGS

- Janda, Karel and Zhang, Bin Yi.** "Green Bond Pricing and Its Determinant: Evidence from Chinese Secondary Market." In Ed. David Prochazka, proceedings of The 22th Annual Conference on Finance and Accounting. Prague, Czech Republic, Springer Proceedings in Business and Economics, forthcoming.
- Janda, Karel and Zhang, Bin Yi.** "The Impact of Renewable Energy and Technology Innovation on Chinese Carbon Dioxide Emissions." In Ed. David Prochazka, proceedings of The 21th Annual Conference on Finance and Accounting. Prague, Czech Republic, Springer Proceedings in Business and Economics, forthcoming.
- Janda, Karel and Kravtsov, Oleg.** "Financial Regulations, Supervision Structure and Banking Performance in CESEE." In Ed. David Prochazka, proceedings of The 21th Annual Conference on Finance and Accounting. Prague, Czech Republic, Springer Proceedings in Business and Economics, forthcoming.
- Janda, Karel and Zhang, Bin Yi.** "Renewable Energy Financial Modelling: The Chinese Stock Prices Case." In Ed. David Prochazka, proceedings of The 20th Annual Conference on Finance and Accounting. Prague, Czech Republic, Springer Proceedings in Business and Economics, 2021, pp. 55-69.
- Janda, Karel and Kravtsov, Oleg.** "Does Regulatory Stress Testing Make Banks to Perform Better and Be Less Risky?" In Ed. David Prochazka, proceedings of The 20th Annual Conference on Finance and Accounting. Prague, Czech Republic, Springer Proceedings in Business and Economics, 2021, pp. 109-120.
- Janda, Karel.** "The Contradictions of European Union Energy and Climate Policies." *ANU Centre for European Studies Briefing Paper Series* 2019, 10 (4), pp. 7-14.
- Janda, Karel.** "Problems of European Union Clean Energy Public Finance Policies." In Lucie Sedmihradská (ed.), *Proceedings of the 24th International Conference Theoretical and Practical Aspects of Public Finance 2019*, Oeconomica, Prague, Czech Republic, 2019, pp. 13-20.
- Janda, Karel.** "Microeconomic Model of Optimal Alcohol Taxation." In Lucie Sedmihradská (ed.), *Proceedings of the 23rd International Conference Theoretical and Practical Aspects of Public Finance 2018*, Oeconomica, Prague, Czech Republic, 2018, pp. 50-57.
- Janda, Karel and Kravtsov, Oleg.** "Micro-level Evidences of Moral Hazard in the European Financial Institutions." In Ed. David Prochazka, *The Impact of Globalization on International Finance and Accounting*, Springer Proceedings in Business and Economics, 2018, pp. 89-98.
- Kaszas, Michal and Janda, Karel.** "Indirect Valuation and Earnings Stability: Within-Company Use of the Earnings Multiple." In Ed. David Prochazka, *The Impact of Globalization on International Finance and Accounting*, Springer Proceedings in Business and Economics, 2018, pp. 161-172.
- Dozsa, Martin and Janda, Karel.** "Corporate Asset Pricing Models and Debt Contracts." In Eds. Alberto Pinto and David Zilberman, *Modeling, Dynamics, Optimization and Bioeconomics II*, Springer Proceedings in Mathematics and Statistics, 2017, pp. 183-222.

- Janda, Karel and Moreira, David.** "Predictive Bankruptcy of European E-commerce. Credit Underwriter's Inexperience and Self-assessment." In Ed. David Prochazka, *New Trends in Finance and Accounting*, Springer Proceedings in Business and Economics, 2017, pp. 93-104.
- Janda, Karel and Kravtsov, Oleg.** "Examining the Interdependencies between Leverage and Capital Ratios in the Banking Sector of the Czech Republic." In Ed. David Prochazka, *New Trends in Finance and Accounting*, Springer Proceedings in Business and Economics, 2017, pp. 161-172.
- Janda, Karel and Kravtsov, Oleg.** "Time-varying Effects of Public Debt on the Financial and Banking Development in the Central and Eastern Europe." In Savina Finardi (ed.), *Proceedings of the 22nd International Conference Theoretical and Practical Aspects of Public Finance 2017*, Oeconomica, Prague, Czech Republic, 2017, pp. 119-126.
- Janda, Karel and Moreira, David.** "Assessing the Local Municipal Default Probability: The Case of Portuguese Economic Adjustment Programme." In Lucie Sedmihradská (ed.), *Proceedings of the 21st International Conference Theoretical and Practical Aspects of Public Finance 2016*, Oeconomica, Prague, Czech Republic, 2016, pp. 246-252.
- Janda, Karel and Kravtsov, Oleg.** "Examining the Interdependencies between Leverage and Capital Ratios in the CEE Banking Sector." In Lucie Sedmihradská (ed.), *Proceedings of the 21st International Conference Theoretical and Practical Aspects of Public Finance 2016*, Oeconomica, Prague, Czech Republic, 2016, pp. 238-245.
- Janda, Karel.** "Basel III Regulation of Over-the-Counter Derivative Securities." In Jiri Malek, et al., *Advanced Methods of Quantitative Finance*, Oeconomica, Prague, Czech Republic, 2015, pp. 107-114.
- Janda, Karel and Zetek, Pavel.** "How Public Finance Contribute to the External Sources of Microfinance Institutions." In Lucie Sedmihradská (ed.), *Proceedings of the 20th International Conference Theoretical and Practical Aspects of Public Finance 2015*, Wolters Kluwer, Prague, Czech Republic, 2015, pp. 91-99.
- Janda, Karel and Krska, Stepan.** "Benchmarking Methods in the Regulation of Electricity Distribution System Operators Risk." In Jiri Malek, et al., *Risk Management 2014*, Oeconomica, Prague, Czech Republic, 2014, pp. 115-144.
- Janda, Karel and Rojcek, Jakub.** "Bankruptcy Triggering Asset Value – Continuous Time Finance Approach." In Eds. Alberto Pinto and David Zilberman, *Modeling, Dynamics, Optimization and Bioeconomics I*, Springer Proceedings in Mathematics and Statistics, Vol. 73, 2014, pp. 357-382.
- Janda, Karel and Zetek, Pavel.** "The Impact of Public Spending on the Financial Performance of Microfinance Institutions." In Lucie Sedmihradská (ed.), *Proceedings of the 19th International Conference Theoretical and Practical Aspects of Public Finance 2014*, Wolters Kluwer, Prague, Czech Republic, 2014, pp. 109-125.
- Janda, Karel; Kristoufek, Ladislav and Zilberman, David.** "Public Policies on Biofuels in the Context of Energy Security." In Lucie Sedmihradská (ed.), *Proceedings of the 18th International Conference Theoretical and Practical Aspects of Public Finance 2013*, Wolters Kluwer, Prague, Czech Republic, 2013, pp. 86-96.

- Janda, Karel and Turbat, Batbayar.** "Profitability of Microfinance Institutions in Selected Asian Countries." In Jiri Malek, et al., *Risk Management 2013*, Oeconomica, Prague, Czech Republic, 2013, pp. 89–102.
- Janda, Karel.** "Reforming International Trade in Visegrad Countries." In Temur Tordinava et al., *EU Integration Issues – Visegrad Countries and the South Caucasus*, Publishing House Universal, Tbilisi, Georgia, 2013, pp. 198-210.
- Prusa, Jan; Klimesova, Andrea and Janda, Karel.** "Cost of Czech Photovoltaic Subsidies: Price-based Evaluation." In Leos Vitek et al., *New Role of Public Finance 2012*, Wolters Kluwer, Prague, Czech Republic, 2012, pp. 202-209.
- Janda, Karel and Zetek, Pavel.** "Opportunities and Threats in Microfinance Risk Management." In Jiri Malek, et al., *Risk Management 2012*, Oeconomica, Prague, Czech Republic, 2012, pp. 145–158.
- Janda, Karel; Michalikova, Eva and Skuhrovec, Jiri.** "Public Finance Support for Czech International Trade: Theoretical and Econometrical Model." In Leos Vitek et al., *Analysis of the Impact of the Economic Crisis on Public Finance*, Wolters Kluwer, 2011, pp. 179–203.
- Janda, Karel and Vylezik, Tomas.** "Financial Management of Weather Risk: Application to Energy Markets." In Jiri Malek, et al., *Modely Rizici Financnich Rizik*, Oeconomica, Prague, Czech Republic, 2011, pp. 163–180.
- Janda, Karel.** "The Estimation of Czech Food Import Demand System." Lambert Academic Publishing, Koln, 2011.
- Janda, Karel; Mikolasek, Jakub and Netuka, Martin.** "The Role of Consumption Taxes in the Financial and Other Influences of Current Crisis — Microeconomic and Econometric Approach to Estimation of Demand Changes." (In Czech.) ("Uloha spotrebnich dani pri ovlivnovani financnich a dalsich dopadu soucasne krize — mikroekonomicky a ekonometricky pristup k odhadovani zmen poptavky.") In Kveta Kubatova et al., *Uloha verejnych financi v reseni problemu a dopadu soucasne krize*, Wolters Kluwer, 2011, pp. 149–156.
- Janda, Karel.** "The Roles of Commercial Credit and Direct Subsidies in Czech Agriculture During Early Transition." In Magda Pecena, et al., *Credit Risk and Financial Crises*, Karolinum, Prague, Czech Republic, 2010, pp. 215–225.
- Janda, Karel and Svarovska, Barbora.** "The Problems of Correlation in the Financial Risk Management - the Contribution of Microfinance." In Jiri Malek, et al., *Problems in Financial Risk Management*, Oeconomica, Prague, Czech Republic, 2009, pp. 107–118.
- Janda, Karel.** "Microeconomic Models of Credit Contracting." Lambert Academic Publishing, Koln, 2009.
- Janda, Karel.** "A Model of Credit Risk under Market Power of Lender." In Jiri Malek et al., *Risk Management 2008*, Oeconomica, Prague, Czech Republic, 2008, pp. 59-69.
- Janda, Karel.** "Agricultural Credit Risk Alleviation by Government Interventions in Czech Republic and Poland." In *Agrarian Perspectives XVII. Challenges for the 21st Century*, vol.1, Czech University of Life Sciences, Prague, 2008, pp. 71-75.

**Janda, Karel.** "Signaling the Strength of a Market Entrant in a United Europe." In Tomas Cahlik et al., *European Union Governance — Challenges and Opportunities*, Matfyzpress, Prague, Czech Republic, 2008, pp. 187-198.

**Janda, Karel.** "Teorie a praxe statnich uverovych podpor." (In Czech.) ("The Theory and Practice of Government Credit Supports.") Karolinum, Prague, 2008.

**Janda, Karel.** "Prispevek Ceske exportni banky a Exportni garancni a pojistovaci spolecnosti ke snizovani uveroveho rizika ceskych vyvozu." (In Czech.) ("The Contribution of the Czech Export Bank and Export Guarantee and Insurance Company to the Decrease of the Credit Risk of Czech Exporters." In Jiri Malek, et al., *Kreditni riziko*, Oeconomica, Prague, Czech Republic, 2007, pp. 81–94.

**Janda, Karel.** "Bankruptcy Procedures with Ex Post Moral Hazard." In Vera Kotabova, Irena Prazova, Ondrej Schneider, editors *The Development of the Czech Society in the European Union*, Matfyzpress, Praha, 2004, pp. 199-217. Also available as: Working Paper No.61, Institute of Economic Studies, Charles University, 2004.

**Janda, Karel and Ratinger, Tomas.** "Strategies for the Transformation of Agricultural Cooperatives — The Experience of the Czech Republic." in Transformation Strategies with Particular Reference to Capital Formation in Agricultural Cooperatives in Central and Eastern Europe, FAO UN, Rome, 1997 pp.32–35.

**Janda, Karel and Ratinger, Tomas.** "Strategies for Capital Formation in Agricultural Cooperatives — The Experience of the Czech Republic." in Transformation Strategies with Particular Reference to Capital Formation in Agricultural Cooperatives in Central and Eastern Europe, FAO UN, Rome, 1997 pp.75–80.

**Janda, Karel.** "Food Import Demand in the Czech Republic." in The Proceedings of Conference Modelling of Agricultural Markets, Montpellier, France, April 10–11, 1997.

#### WORKING PAPERS, DISCUSSION PAPERS, RESEARCH REPORTS

**Janda, Karel; Kristoufek, Ladislav and Zhang, Bin Yi.** "Return and Volatility Spillovers between Chinese and U.S. Clean Energy Related Stocks." CAMA Working Paper Series No. 17/2022, Australian National University, February 2022. Previous version ("Return and Volatility Spillovers between Chinese and U.S. Clean Energy Related Stocks: Evidence from VAR-MGARCH Estimations") is available as Working Paper No. 1/2022, Faculty of Finance and Accounting, Prague University of Economics and Business.

**Rotella, Junior Paulo; Rocha, Luiz Celio S.; Peruchi, Rogerio S.; Aquila, Giancarlo; Janda, Karel and Pamplona, Edson de Oliveira.** "Robust Portfolio Optimization: A Stochastic Evaluation of Worst-Case Scenarios." Working Paper No. 3/2022, Institute of Economic Studies, Charles University.

**de Doyle, Gabriel N. D.; Rotella, Junior Paulo; Rocha, Luiz Celio S.; Peruchi, Rogerio S.; Janda, Karel and Aquila, Giancarlo.** "Impact of Regulatory Changes on Economic Feasibility of Distributed Generation Solar Units." Working Paper No. 2/2022, Institute of Economic Studies, Charles University.



- Janda, Karel and Oleg Kravtsov.** "Banking Supervision and Risk-Adjusted Performance in the Host Country Environment." Working Paper No. 5/2020, Faculty of Finance and Accounting, University of Economics, Prague.
- Janda, Karel and Oleg Kravtsov.** "Regulatory Stress Tests and Bank Responses." CAMA Working Paper Series No. 77/2020, Australian National University, August 2020.
- Janda, Karel and Binyi Zhang.** "The Impact of Renewable Energy and Technology Innovation on Chinese Carbon Dioxide Emissions." Working Paper No. 3/2020, Faculty of Finance and Accounting, University of Economics, Prague.
- Janda, Karel and Oleg Kravtsov.** "Regulatory Stress Tests and Bank Responses: Heterogeneous Treatment Effect in Dynamic Settings ." Working Paper No. 28/2019, Institute of Economic Studies, Charles University.
- Janda, Karel and Binyi Zhang.** "Renewable Energy Financial Modelling: A China Case Study." Working Paper No. 7/2019, Institute of Economic Studies, Charles University.
- Janda, Karel and Jakub Kourilek.** "Residual shape risk on natural gas market with mixed jump diffusion." CAMA Working Paper Series No. 34/2019, Australian National University, May 2019.
- Janda, Karel and Ladislav Kristoufek.** "The Relationship Between Fuel and Food Prices: Methods, Outcomes, and Lessons for Commodity Price Risk Management." CAMA Working Paper Series No. 20/2019, Australian National University, February 2019.
- Janda, Karel and Jakub Kourilek.** "Residual Shape Risk on Czech Natural Gas Market." Working Paper No. 33/2018, Institute of Economic Studies, Charles University.
- Janda, Karel and Ladislav Kristoufek.** "The Relationship Between Fuel, Bio-fuel and Food Prices: Methods and Outcomes." Working Paper No. 32/2018, Institute of Economic Studies, Charles University.
- Janda, Karel.** "Earnings Stability and Peer Selection for Indirect Valuation." Working Paper No. 14/2018, Institute of Economic Studies, Charles University.
- Janda, Karel.** "Slovak Electricity Market and the Merit Order Effect of Photovoltaics." CAMA Working Paper Series No. 22/2018, Australian National University, May 2018.
- Janda, Karel; Lajksnerova, Zuzana and Mikolasek, Jakub.** "A General Equilibrium Model of Optimal Alcohol Taxation in the Czech Republic." Working Paper No. 8/2018, Institute of Economic Studies, Charles University.
- Janda, Karel and Koscova, Michaela.** "Photovoltaics and the Slovak Electricity Market." Working Paper No. 2/2018, Institute of Economic Studies, Charles University.
- Janda, Karel and Strobl, Martin.** "Smoking Czechs: Modeling Tobacco Consumption and Taxation." Working Paper No. 1/2018, Institute of Economic Studies, Charles University.

- Filip, Ondrej; Janda, Karel; Kristoufek, Ladislav and Zilberman, David.** "Food Versus Fuel: An Updated and Expanded Evidence." CAMA Working Paper Series No. 73/2017, Australian National University, November 2017. Also available as Working Paper No. 26/2017, Institute of Economic Studies, Charles University.
- Malek, Jan; Recka, Lukas and Janda, Karel.** "Impact of German Energiewende on Transmission Lines in the Central European Region." CAMA Working Paper Series No. 72/2017, Australian National University, November 2017. Also available as Working Paper No. 5/2018, Institute of Economic Studies, Charles University.
- Filip, Ondrej; Janda, Karel and Kristoufek, Ladislav.** "Ceny biopaliv a souvisejících komodit: příklad propojení ekonomie a teorie grafu." (In Czech.) ("Prices of Biofuels and Related Commodities: An Example of Combined Economics and Graph Theory Approach.") Working Paper No. 7/2017, Institute of Economic Studies, Charles University.
- Janda, Karel; Malek, Jan and Recka, Lukas.** "Vliv obnovitelných zdrojů na českou soustavu přenosu elektriny." (In Czech.) ("The Influence of Renewable Energy Sources on the Czech Electricity Transmission System.") Working Paper No. 6/2017, Institute of Economic Studies, Charles University.
- Janda, Karel; Malek, Jan and Recka, Lukas.** "Influence of Renewable Energy Sources on Electricity Transmission Networks in Central Europe." Working Paper No. 5/2017, Institute of Economic Studies, Charles University.
- Lunackova, Petra; Prusa, Jan and Janda, Karel.** "The Merit Order Effect of Czech Renewable Energy." CAMA Working Paper Series No. 17/2017, Australian National University, March 2017.
- Lunackova, Petra; Prusa, Jan and Janda, Karel.** "The Merit Order Effect of Czech Photovoltaic Plants." Working Paper No. 1/2017, Institute of Economic Studies, Charles University.
- Janda, Karel; Malek, Jan and Recka, Lukas.** "Influence of Renewable Energy Sources on Transmission Networks in Central Europe." CAMA Working Paper Series No. 68/2016, Australian National University, November 2016.
- Filip, Ondrej; Janda, Karel; Kristoufek, Ladislav and Zilberman, David.** "Foods, Fuels or Finances: Which Prices Matter for Biofuels?" CAMA Working Paper Series No. 63/2016, Australian National University, October 2016. Also available as Working Paper No. 16/2016, Institute of Economic Studies, Charles University.
- Kristoufek, Ladislav; Janda, Karel and Zilberman, David.** "Co-movements of Ethanol Related Prices: Evidence from Brazil and the USA." CAMA Working Paper Series No. 11/2015, Australian National University, 2015.
- Havranek, Tomas; Irsova, Zuzana; Janda, Karel and Zilberman, David.** "Selective Reporting and the Social Cost of Carbon." CUDARE Working Paper No.1139, University of California, Berkeley, Department of Agricultural and Resource Economics, 2014. Also available as Working Paper No. 29/2014, Institute of Economic Studies, Charles University, 2014, as Working Paper No. 533, CERGE-EI Working Papers Series, March 4, 2015 and as CAMA Working Paper Series No. 28/2015, Australian National University, August 2015.

- Blahova, Pavla; Janda, Karel and Kristoufek, Ladislav.** "The Perspectives for Genetically Modified Cellulosic Ethanol in the Czech Republic." Working Paper No. 2/2014, Institute of Economic Studies, Charles University, 2014.
- Ackrill, Robert; Janda, Karel.** "ANUCES Roundtable Summary: Development and Impact of Biofuels Policies." ANUCES Briefing Papers, 4 (4), Australian National University, 2013.
- Janda, Karel; Michalikova, Eva and Psenakova, Lucia.** "The Performance of Export Credit Agencies in Post-Communist Central European Countries." Working Paper No. 10/2013, Institute of Economic Studies, Charles University, 2013.
- Prusa, Jan; Klimesova, Andrea and Janda, Karel.** "Consumer Loss in Czech Photovoltaic Power Plants." CAMA Working Paper Series No. 50/2013, Australian National University, 2013.
- Vacha, Lukas; Janda, Karel, Kristoufek, Ladislav and Zilberman, David.** "Time-Frequency Dynamics of Biofuels-Fuels-Food System." CAMA Working Paper Series No. 27/2013, Australian National University, 2013. Also available at <http://arxiv.org/pdf/1209.0900v1.pdf>
- Kristoufek, Ladislav; Janda, Karel and Zilberman, David.** "Non-linear Price Transmission between Biofuels, Fuels and Food Commodities." Working Paper No. 481, CERGE-EI, Prague, 2013. Abbreviated version also available as Working Paper No. 16/2013, Institute of Economic Studies, Charles University, 2013.
- Kristoufek, Ladislav; Janda, Karel and Zilberman, David.** "Regime-dependent Topological Properties of Biofuels Networks." CAMA Working Paper Series No. 49/2012, Australian National University, 2012.
- Kristoufek, Ladislav; Janda, Karel and Zilberman, David.** "Mutual Responsiveness of Biofuels, Fuels and Food Prices." CAMA Working Paper Series No. 38/2012, Australian National University, 2012.
- Janda, Karel and Svarovska, Barbora.** "Suitability of Microfinance as an Investment Option." Working Paper No. 470, CERGE-EI, Prague, 2012.
- Janda, Karel; Rojcek, Jakub.** "Bankruptcy Triggering Asset Value – Continuous Time Finance Approach." Working Paper No. 582, Working Paper Series in Economics and Econometrics, Australian National University, 2012.
- Prusa, Jan; Klimesova, Andrea and Janda, Karel.** "Economic Loss in Czech Photovoltaic Power Plants." Working Paper No. 18/2012, Institute of Economic Studies, Charles University, 2012.
- Kristoufek, Ladislav; Janda, Karel and Zilberman, David.** "Correlations between Biofuels and Related Commodities: A Taxonomy Perspective." CAMA Working Paper Series No. 29/2012, Australian National University, 2012. Also available as Working Paper No. 15/2012, Institute of Economic Studies, Charles University, 2012.
- Janda, Karel; Michalikova, Eva and Skuhrovec, Jiri.** "Credit Support for Export: Evidence from the Czech Republic." Working Paper No. 461, CERGE-EI, Prague, 2012.

- Janda, Karel; Michalikova, Eva and Skuhrovec, Jiri.** "Credit Support for Export: Econometric Evidence from the Czech Republic." Working Paper No. 12/2012, Institute of Economic Studies, Charles University, 2012.
- Kristoufek, Ladislav; Janda, Karel and Zilberman, David.** "Correlations Between Biofuels and Related Commodities Before and During the Food Crisis: A Taxonomy Perspective." Working Paper No. 30, University of California Energy and Environmental Economics (E3) Working Paper Series, 2012.
- Janda, Karel; Kristoufek, Ladislav and Zilberman, David.** "Biofuels: Review of Policies and Impacts." CUDARE Working Paper No.1119, University of California, Berkeley, Department of Agricultural and Resource Economics, 2011.
- Janda, Karel; Kristoufek, Ladislav and Zilberman, David.** "Modeling the Environmental and Socio-Economic Impacts of Biofuels." Working Paper No. 33/2011, Institute of Economic Studies, Charles University, 2011.
- Janda, Karel.** "Credit Guarantees and Subsidies when Lender has a Market Power." Working Paper No. 18/2011, Institute of Economic Studies, Charles University, 2011.
- Havranek, Tomas; Irsova, Zuzana and Janda, Karel.** "Demand for Gasoline is More Price-Inelastic than Commonly Thought." Working Paper No. 10/2011, Institute of Economic Studies, Charles University, 2011. Revised version available as CUDARE Working Paper No.1118, University of California, Berkeley, Department of Agricultural and Resource Economics, 2011.
- Janda, Karel.** "Credit Rationing and Public Support of Commercial Credit." Working Paper No. 436, CERGE-EI, Prague, 2011.
- Janda, Karel and Svarovska, Barbora.** "Investing into Microfinance Investment Funds." Working Paper No. 32/2009, Institute of Economic Studies, Charles University, 2009.
- Janda, Karel; Mikolasek, Jakub and Netuka, Martin.** "The Estimation of Complete Almost Ideal Demand System from Czech Household Budget Survey Data." Working Paper No. 31/2009, Institute of Economic Studies, Charles University, 2009.
- Janda, Karel; Michalikova, Eva and Potacelova, Vera.** "Does the Export Credit Promotion Pay Off?" (In Czech.)("Vyplaci se podporovat exportni uvery?") Working Paper No. 30/2009, Institute of Economic Studies, Charles University, 2009.
- Janda, Karel.** "Which Government Interventions Are Good in Alleviating Credit Market Failures?" Working Paper No. 12/2008, Institute of Economic Studies, Charles University, 2008.
- Janda, Karel.** "Institute statni uverove podpory v Ceske republice." (In Czech.) ("The Institutions of Government Credit Support in the Czech Republic.") Working Paper No.27/2007, Institute of Economic Studies, Charles University, 2007.
- Janda, Karel.** "Optimal Deterministic Debt Contracts." Working Paper No.25/2006, Institute of Economic Studies, Charles University, 2006.
- Janda, Karel.** "Lender and Borrower as Principal and Agent." Working Paper No.24/2006, Institute of Economic Studies, Charles University, 2006.

- Janda, Karel and Cajka, Martin.** "Statni podpora ceskeho zemedelskeho uveru v obdobi pred vstupem do Evropske unie." (In Czech.) ("Government Support of the Czech Agricultural Credit in the Period Before the Accession to the European Union.") Prague Social Sciences Studies — Economics series, No.17, 2006. Also available as: Working Paper No.15/2006, Institute of Economic Studies, Charles University, 2006.
- Janda, Karel.** "The Quantitative and Qualitative Analysis of the Budget Cost of the Czech Supporting and Guarantee Agricultural and Forestry Fund." Working Paper No.86, Institute of Economic Studies, Charles University, 2005.
- Janda, Karel and Cajka, Martin.** "Srovnani vyvoje ceskych a slovenskych instituci v oblasti zemedelskych financii." (In Czech.) ("The Comparison of the Evolution of the Czech and Slovak Institutions in the Area of Agricultural Finance.") Prague Social Sciences Studies — Economics series, No.11, 2006. Also available as: Working Paper No.84, Institute of Economic Studies, Charles University, 2005.
- Janda, Karel.** "The Comparative Statics of the Effects of Credit Guarantees and Subsidies in the Competitive Lending Market." Prague Social Sciences Studies — Economics series, No.7, 2006. Also available as: Working Paper No.82, Institute of Economic Studies, Charles University, 2005.
- Janda, Karel.** "Credit Guarantees in a Credit Market with Adverse Selection." Working Paper No.40, Institute of Economic Studies, Charles University, 2003.
- Janda, Karel; McCluskey, Jill and Rausser, Gordon.** "Food Import Demand in the Czech Republic." Working Paper No.796, University of California, Berkeley, Department of Agricultural and Resource Economics and Policy, 1998.
- Janda, Karel et.al.** "Ceske zemedelstvi a Evropska unie." (In Czech.) ("Czech Agriculture and European Union.") Czech Ministry of Agriculture, Prague, 1998. ISBN 80-7105-163-2
- Janda, Karel and Rausser, Gordon.** "The Estimation of Czech Conditional Food Import Demand." Working Paper No.120, CERGE-EI, Prague, 1997.
- Janda, Karel; Sklenkova, Hana and Vigner, Jaroslav.** "Skladistni stvrzenky a ovlivnovani rizika komoditnich obchodu." (In Czech.) ("Warehouse Receipts and the Commodity Trading Risk Management.") Working Paper No.22, VUZE, Prague, 1997.
- Brookes, Graham; Donhauser Franz and Janda, Karel.** "The Effectiveness of the Agricultural Credit Market in the Czech Republic." Research Paper, The Policy Advisory Unit in the Czech Ministry of Agriculture, Prague, December 1996.
- Janda, Karel.** "Agricultural Credit Provided by Monopolistic Lender under Asymmetric Information." in The Economic, Political and Social Dimensions of Economic Transition and European Integration, Discussion Paper No.6/96, CERGE-EI, Prague, November 1996.
- Janda, Karel.** "Credit Provision under Asymmetric Information." Discussion Paper No.5/96, CERGE-EI, Prague, November 1996.
- Janda, Karel and Rausser, Gordon.** "The Estimation of Import Demand in Czech Agricultural Trade." Discussion Paper No.77, CERGE-EI, Prague, August 1995.

- Becvarova, Vera; Fritzova, Milada and Janda, Karel.** "Model dostupnosti uveru garantovanych PGRLF za podminek asymerickej informacie." (In Czech.) ("The Model of Accessibility of Credit Guaranteed by the PGRLF under the Conditions of Asymmetric Information.") Research Study, VUZE, Prague, December 1994.
- Janda, Karel.** "Credit Rationing under Asymmetric Information and the Fund of Guarantees for Agriculture and Forestry." Working Paper No.70, CERGE-EI, Prague, 1994.
- Janda, Karel.** "The Estimation of Linear Demand System for Basic Types of Meat." Working Paper No.69, CERGE-EI, Prague, 1994.
- Janda, Karel.** "Ekonometricke modelovani rizika s aplikaci na Podpurny a garancni rolnicky a lesnický fond." (In Czech with English summary.) ("Econometric modelling of risk with application to Agricultural Guarantees Fund.") Working Paper No.8, VUZE, Prague, 1994.
- Becvarova, Vera; Dvorak, Jaroslav; Fritzova Milada; Janda, Karel and Neckova Jaroslava.** "Financni trh a zemedelstvi." (In Czech with English summary.) ("Financial Markets and Agriculture.") Working Paper No.6, VUZE, Prague, 1994.
- Becvarova, Vera; Dvorak, Jaroslav; Fritzova Milada; Janda, Karel and Neckova Jaroslava.** "Teoreticka analyza financniho trhu, vctne potreb a specifík uverovani a zajistovani provozu a investic v zemedelstvi a prelevani kapitalu v marketingovem retezci." (In Czech.) ("Theoretical Analysis of Financial Markets Including Credit and Investment in Agriculture and the Movements of Capital in the Marketing Chain.") Research Study, VUZE, Prague, December 1993.
- Janda, Karel in Vanicek, F. et.al.** "Navrh reseni regulace a ochrany trhu zemedelskych a potravinarskych vyrobku pro nejbliži období." (In Czech.) ("The Proposal of the Implementation of the Regulation and Market Protection for the Agro-food Market in the Forthcoming Period.") Research Study, VUZE, Prague, 1991.
- Janda, Karel in Becvarova, V. et.al.** "Zakladni principy pravidel podpory agrarni politiky." (In Czech.) ("Main Principles of the Support of Agricultural Policy.") Research Study, VUZE, Prague, 1991.
- Mezera, Josef; Dvorak, Jaroslav; Janda, Karel; Linhart, Karel and Vankova, Marie.** "Analyza vysledku v potravinarskem prumyslu a vyhled pro prechodne období transformace na tržni ekonomiku." (In Czech.) ("The Analysis of the Results of the Food Industry and the Forecast for the Transition Period of the Transformation to Market Economy.") Research Report, VUZE, 1991.
- Janda, Karel in Vanicek, F. et.al.** "Analyza pusobeni hospodarskeho mechanismu a koncepcie radikalni ekonomické reformy v agropotravinarskem komplexu." (In Czech.) ("The Analysis of the Functioning of the Economic Mechanism and the Concept of the Radical Economic Reform in the Agro-food Complex.") Research Report, VUZE, 1990.
- Linhart, Karel; Bartak, Rudolf; Janda, Karel; Mezera, Josef and Sklenar, Lubomir.** "Zakladni principy, pravidla a predpoklady uplatnovani tržnich vztahu v APK." (In Czech.) ("Main Principles, Rules, and Conditions of Implementation of Market Relations in Agro-food Complex.") Research Report, VUZE, 1990.

## TEXTBOOKS

**Hanousek, Jan and Janda, Karel.** *Lecture Notes - Statistics. Parts I-III.* CERGE, Lecture Notes, Mimeo, 1995, 46, 28, and 14 pages.

**Janda, Karel; Linhart, Karel and Mezera, Josef.** *Zaklady ekonomie - Dil 2.* (In Czech.) (*Principles of Economics - Part 2.*) Prague: VUZE, 1992.

**Janda, Karel; Linhart, Karel and Mezera, Josef.** *Zaklady ekonomie - Dil 1.* (In Czech.) (*Principles of Economics - Part 1.*) Prague: VUZE, 1991.

## PAPERS PRESENTED AT CONFERENCES

*The Economics of Green Hydrogen Fuelled Gas Turbine Power Plant.* (Joint with Hadi Heidary.) **23rd Annual Conference on Environmental Economics, Policy and International Environmental Relations.** Prague, Czech Republic, November 25-26, 2021.

*Green Bond Pricing and Its Determinant: Evidence from Chinese Secondary Markets.* (Joint with Binyi Zhang.) **23rd Annual Conference on Environmental Economics, Policy and International Environmental Relations.** Prague, Czech Republic, November 25-26, 2021.

*Food versus Fuel: An Expanded Evidence on Commodities Price Co-movement.* (Joint with Ladislav Kristoufek and David Zilberman.) **16th Congress of the European Association of Agricultural Economists.** Prague, Czech Republic, July 20-23, 2021.

*Green Bond Pricing and its Determinant: Evidence from Chinese Secondary Market.* (Joint with Binyi Zhang.) **The 22nd Annual Conference on Finance and Accounting.** Prague, Czech Republic, June 3-4, 2021.

*The Effects of Renewable Energy Consumption and Green Technology Innovation on CO<sub>2</sub> Emissions in China.* (Joint with Binyi Zhang.) **22nd Annual Conference on Environmental Economics, Policy and International Environmental Relations.** Prague, Czech Republic, November 19-20, 2020.

*Financial Regulations, Supervision Structure and Performance of the Banks in CESEE.* (Joint with Oleg Kravtsov.) **The 21st Annual Conference on Finance and Accounting.** Prague, Czech Republic, May 22, 2020.

*Financial Development and Chinese Carbon Dioxide Emissions.* (Joint with Binyi Zhang.) **The 21st Annual Conference on Finance and Accounting.** Prague, Czech Republic, May 22, 2020.

*Spillovers among Oil and Stock Prices in China and US Financial Markets.* (Joint with Binyi Zhang.) **21th Annual Conference on Environmental Economics, Policy and International Environmental Relations.** Prague, Czech Republic, November 28-29, 2019.

*Food Versus Fuel: An Expanded Evidence on Commodities Price Co-Movement.* (Joint with Ladislav Kristoufek and David Zilberman.) **24th Annual Conference of the European Association of Environmental and Resource Economists.** Manchester, United Kingdom, June 24 - June 29, 2019.

*Renewable Energy Financial Modelling: The Chinese Stock Prices Case.* (Joint with Bin Yi Zhang.) **The 20th Annual Conference on Finance and Accounting.** Prague, Czech Republic, May 24, 2019.

*Does Regulatory Stress Testing Make Banks to Perform Better and Be Less Risky?* (Joint with Oleg Kravtsov.) **The 20th Annual Conference on Finance and Accounting.** Prague, Czech Republic, May 24, 2019.

*Problems of EU Clean Energy Public Finance Policies.* **XXIVth Conference Theoretical and Practical Aspects of Public Finance.** Prague, Czech Republic, April 12 - 13, 2019.

*Microeconomic Model of Optimal Alcohol Taxation.* **XXIIIrd Conference Theoretical and Practical Aspects of Public Finance.** Prague, Czech Republic, April 13 - 14, 2018.

*Photovoltaics and the Slovak Electricity Market.* (Joint with Michaela Koscova.) **19th Conference on Environmental Economics, Policy and International Environmental Relations.** Prague, Czech Republic, October 27, 2017.

*Dynamics and Evolution of the Role of Biofuels in Global Commodity and Financial Markets.* (Joint with Ondrej Filip, Ladislav Kristoufek and David Zilberman.) **23rd Annual Conference of the European Association of Environmental and Resource Economists.** Athens, Greece, June 28 - July 1, 2017.

*Foods, Fuels or Finances: Which Prices Matter for Biofuels?* (Joint with Ondrej Filip, Ladislav Kristoufek and David Zilberman.) **22nd Annual Conference of the European Association of Environmental and Resource Economists.** Zurich, Switzerland, June 22 - 25, 2016.

*Predictive Bankruptcy of European E-commerce Credit Underwriter's Inexperience and Self-assessment.* (Joint with David Moreira.) **The 17th Annual Conference on Finance and Accounting.** Prague, Czech Republic, May 27, 2016.

*Examining the Interdependencies between Leverage and Capital Ratios in the Banking Sector of the Czech Republic.* (Joint with Oleg Kravtsov.) **The 17th Annual Conference on Finance and Accounting.** Prague, Czech Republic, May 27, 2016.

*Assessing the Local Municipal Default Probability: The Case of Portuguese Economic Adjustment Programme.* (Joint with David Moreira.) **XXIst Conference Theoretical and Practical Aspects of Public Finance.** Prague, Czech Republic, April 15 - 16, 2016.

*Examining the Interdependencies between Leverage and Capital Ratios in the CEE Banking Sector.* (Joint with Oleg Kravtsov.) **XXIst Conference Theoretical and Practical Aspects of Public Finance.** Prague, Czech Republic, April 15 - 16, 2016.

*Co-movements of Ethanol Related Prices: Evidence from Brazil and the USA.* (Joint with Ladislav Kristoufek and David Zilberman.) **21st Annual Conference of the European Association of Environmental and Resource Economists.** Helsinki, Finland, June 24 - 27, 2015.

*Public Finance, External Funding, and Microfinance Institutions.* (Joint with Pavel Zetek.) **XXth Conference Theoretical and Practical Aspects of Public Finance.** Prague, Czech Republic, April 17 - 18, 2015.

*Co-movements of Biofuels Related Prices.* (Joint with Ondrej Filip, Ladislav Kristoufek and David Zilberman.) **Eighth Berkeley Bioeconomy Conference.** Berkeley, California, April 1 - 2, 2015.

*The Perspectives for Genetically Modified Cellulosic Biofuels in the Central European Conditions.* (Joint with Pavla Blahova and Ladislav Kristoufek.) **5th World Congress of Environmental and Resource Economists.** Istanbul, Turkey, June 28 - July 2, 2014.

*Price Transmission Between Biofuels, Fuels and Food Commodities.* (Joint with Ladislav Kristoufek and David Zilberman.) **5th World Congress of Environmental and Resource Economists.** Istanbul, Turkey, June 28 - July 2, 2014.

*The Role of Public Finance in Microfinance Performance.* (Joint with Pavel Zetek.) **XIXth Conference Theoretical and Practical Aspects of Public Finance.** Prague, Czech Republic, April 11 - 12, 2014.

*Pricing of Biofuels and Related Commodities.* (Joint with Ladislav Kristoufek and David Zilberman.) **Seventh Berkeley Bioeconomy Conference.** Berkeley, California, March 26 - 27, 2014. And **The 8th Biennial Conference of the Czech Economic Society.** Prague, Czech Republic, November 29, 2014.



*Export Credit Guarantees in Visegrad Countries.* (Joint with Eva Michalikova and Lucia Psenakova.) **Conference Public Export Credit Guarantees in a Globalized World.** Ifo Institute, Munich, Germany, February 14 - 15, 2014.

*Reforming International Trade in Visegrad Countries.* **Conference Visegrad Countries for the South Caucasian Countries EU Integration.** Tbilisi, Georgia, July 26, 2013.

*Time-Frequency Dynamics of Biofuels-Fuels-Food System.* (Joint with Ladislav Kristoufek, Lukas Vacha and David Zilberman.) **20th Annual Conference of the European Association of Environmental and Resource Economists.** Toulouse, France, June 26 - 29, 2013.

*Public Policies on Biofuels in the Context of Energy Security.* (Joint with Ladislav Kristoufek and David Zilberman.) **XVIIIth Conference Theoretical and Practical Aspects of Public Finance.** Prague, Czech Republic, April 12 - 13, 2013. And **F.O. Licht conference Biofuels in Central and Eastern Europe.** Warsaw, Poland, April 23-25, 2013.

*Relationship Between Prices of Food, Fuel and Biofuel.* (Joint with Ladislav Kristoufek and David Zilberman.) **131st Seminar of the European Association of Agricultural Economists.** Prague, Czech Republic, September 18 - 19, 2012.

*Correlations Between Biofuels and Related Commodities Before and During the Food Crisis: A Taxonomy Perspective.* (Joint with Ladislav Kristoufek and David Zilberman.) **Econometric Society Australasian Meeting.** Melbourne, Australia, July 3 - 6, 2012. And **19th Annual Conference of the European Association of Environmental and Resource Economists.** Prague, Czech Republic, June 27 - 30, 2012.

*Price-dependent Elasticities and Causality between Ethanol, Biodiesel and Related Commodities.* (Joint with Ladislav Kristoufek and David Zilberman.) **19th Annual Conference of the European Association of Environmental and Resource Economists.** Prague, Czech Republic, June 27 - 30, 2012. And **The 7th Biennial Conference of the Czech Economic Society.** Prague, Czech Republic, November 24, 2012.

*Cost of Czech Photovoltaic Subsidies: Price-based Evaluation.* (Joint with Jan Prusa and Andrea Klimesova.) **XVIIth Conference Theoretical and Practical Aspects of Public Finance.** Prague, Czech Republic, April 13 - 14, 2012. And **The 7th Biennial Conference of the Czech Economic Society.** Prague, Czech Republic, November 24, 2012. And **32nd edition of the International Energy Workshop.** Paris, France, June 19 - 21, 2013.

*Relationship Between Food and Fuel Prices.* (Joint with Ladislav Kristoufek, Lukas Vacha and David Zilberman.) **Fifth Berkeley Bioeconomy Conference: Renewable Resources.** Berkeley, California, March 26 - 28, 2012.

*Beer – The Privileged Commodity on the Czech Market.* (Joint with Jakub Mikolasek and Martin Netuka.) **Beeronomics Conference II.** Freising, Germany, September 21 - 24, 2011.

*The Roles of Czech Export Bank and Export Guarantee and Insurance Corporation in Public Finance Support of the Czech Trade.* (Joint with Eva Michalikova and Jiri Skuhrovec.) **XVIth Conference Theoretical and Practical Aspects of Public Finance.** Prague, Czech Republic, April 8 - 9, 2011. And **CERGE 20th Anniversary Conference.** Prague, Czech Republic, October 7 - 9, 2011.

*Complete Almost Ideal Demand System Approach to Czech Alcohol Demand.* (Joint with Jakub Mikolasek and Martin Netuka.) **Annual Meeting of International Agricultural Trade Research Consortium.** Berkeley, California, December 12 - 14, 2010.

*Credit Support for Export: Robust Evidence from the Czech Republic.* (Joint with Eva Michalikova and Jiri Skuhrovec.) **The 6th Biennial Conference of the**

**Czech Economic Society.** Prague, Czech Republic, November 27, 2010. And **Annual Meeting of International Agricultural Trade Research Consortium.** Berkeley, California, December 12 - 14, 2010.

*Socially Optimal Taxation of Alcohol: The Case of Czech Beer.* (Joint with Jakub Mikolasek and Martin Netuka.) **Annual Meeting of Agricultural and Applied Economics Association** Denver, Colorado, July 25 - 27, 2010. And **The 6th Biennial Conference of the Czech Economic Society.** Prague, Czech Republic, November 27, 2010.

*Supporting Export with Government Credit Guarantees - Robust Econometric Evidence.* (Joint with Eva Michalikova and Jiri Skuhrovec.) **20th International Trade and Finance Association Conference.** Las Vegas, Nevada, May 23 - May 26, 2010. And **85th Annual Conference of Western Economic Association International.** Portland, Oregon, June 29 - July 3, 2010.

*Linear Almost Ideal Demand System Approach to the Econometric Estimation of Optimal Commodity Taxation.* (Joint with Jakub Mikolasek and Martin Netuka.) **XVth Conference Theoretical and Practical Aspects of Public Finance.** Prague, Czech Republic, April 16 - 17, 2010.

*Econometric Estimation of the Factors Influencing the Czech Beer Demand.* (Joint with Jakub Mikolasek.) **Agrarian Perspectives XVIII.** Czech University of Life Sciences, Prague, Czech Republic, September 15 - 16, 2009.

*Knowledge, Cheating, and Truth-telling in Debt Contracting.* **9th International Conference on Knowledge, Culture and Change in Organisations.** Boston, June 24 - 27, 2009.

*Importance of Knowledge in Credit Default Treatment.* **Knowledge Globalization Conference.** Boston, April 17 - 19, 2009.

*Socially Optimal Taxation of Bads.* (Joint with Jakub Mikolasek.) **XIVth Conference Theoretical and Practical Aspects of Public Finance.** Prague, Czech Republic, April 3 - 4, 2009.

*Social Costs of Beer Consumption in the Czech Republic.* (Joint with Jakub Mikolasek.) **The 5th Biennial Conference of the Czech Economic Society.** Prague, Czech Republic, November 29, 2008.

*Agricultural Credit Risk Alleviation by Government Interventions in Czech Republic and Poland.* **Agrarian Perspectives XVII.** Czech University of Life Sciences, Prague, Czech Republic, September 16 - 17, 2008.

*Bankruptcies with Soft Budget Constraint in Transition Economies.* **The Annual Conference of the European Economics and Finance Society.** Prague, Czech Republic, May 22 - 25, 2008.

*Signaling the Strength of a Market Entrant.* **Conference Central Europe in the Union and the Union in the Central Europe.** Prague, Czech Republic, September 19 - 21, 2007.

*Optimal Renegotiation Proof Financial Contracts with Multiple Lenders.* **22nd European Conference on Operations Research.** Prague, Czech Republic, July 8 - 11, 2007. And **The 4th Biennial Conference of the Czech Economic Society.** Prague, Czech Republic, November 25, 2006.

*Government Support to Agricultural Credit - Theory and Czech Empirical Evidence.* **93rd Seminar of the European Association of Agricultural Economists.** Prague, Czech Republic, September 22 - 23, 2006.

*Credit Guarantees in a Credit Market with Adverse Selection.* **59th Congress of the International Institute of Public Finance.** Prague, Czech Republic, August 25 - 28, 2003.

*Debt Renegotiation with Collateral under Asymmetric Information.* **The 2nd Biennial Conference of the Czech Economic Society.** Prague, Czech Republic, November 23, 2002. And **Iowa Alumni Workshop.** University of Iowa, Iowa City, May 11, 2002.

*Multifunctionality in the Czech Agriculture. Summer Symposium of International Agricultural Trade Research Consortium.* Whistler, Canada, June 15 - 17, 2002.

*Food Import Demand in the Czech Republic.* (Joint with Gordon Rausser and Jill McCluskey.) **Conference of International Atlantic Economic Society.** Montreal, October 7 - 10, 1999. And **Agrarian Perspectives VIII.** Czech Agricultural University, Prague, September 23 - 24, 1999.

*Food Demand During the Transition from Centrally Planned to Market Economy. University - Wide Research Forum.* University of Iowa, Iowa City, April 5, 1999.

*Czech Foreign Trade During Economic Transition 1990–1997. Trade Policies and Structural Changes in CEE Countries.* Workshop organized by CEPR and IEWS. Bucharest, Romania, October 17, 1997.

*Monopolistic Credit Market in Stabilized and Transition Economies. XIIth Congress of European Economic Association.* Toulouse, August 31 - September 2, 1997.

*Government Interventions in Competitive Credit Market. Econometric Society European Meeting.* Toulouse, France, August 26 - 30, 1997.

*Credit Provision under Asymmetric Information and the Fund of Guarantees for Agriculture and Forestry. XIth Congress of European Economic Association.* Istanbul, August 21-24, 1996.

*The Government Support To Agricultural and Small Business Credit. Business Stimulation and Regional Development.* Seminar organized by Georgetown University. Bielsko Biala, Poland, December 8-10, 1995.

*Capital Markets and Farming Structures in the Czech Republic in the Conditions of Asymmetric Information and Uncertainty.* (Joint with Tomas Ratinger.) **Transformation Strategies with Particular Reference to Capital Formation in Agricultural Cooperatives in Central and Eastern Europe.** Godollo University and FAO, Godollo, Hungary, September 8-10, 1995.

*The Estimation of Import Demand in Czech Agricultural Trade.* (Joint with Gordon Rausser.) **Agriculture and Trade in Transition Economies: Policy Design and Implementation.** Institute for Policy Reform and CERGE-EI, Prague, July 28-29, 1995.

*Government Regulation of Agricultural Markets in Czechoslovakia. Joint Outlook Conference of Ministry of Agriculture of Poland and Economics Research Service of US Department of Agriculture.* Warsaw, Poland, June 1992.

*The Analysis of Production Efficiency in Food Industry. International Conference of Student Researchers in Economics.* Prague, December 1988.

## RESEARCH GRANTS and PRIZES

*Global Excellence in Modeling Climate and Energy Policies.* EU Horizon 2020. Project no.: 870245. Deputy Coordinator, 2022-2026.

*Center for Socio-Economic Research on Environmental Policy Impact Assessment (SEEPIA).* Technology Agency of the Czech Republic. Project no.: SS04030013. Participant, 2021-2026.

*Modeling the Structure and Dynamics of Energy, Commodity and Alternative Asset Prices.* Grant Agency of the Czech Republic. Grant number 22-19617S. Participant, 2022-2024.

*Frontiers in Energy Efficiency Economics and Modelling - FE3M.* Grant Agency of the Czech Republic. Grant number 19-26812X. Principal co-investigator, 2019-2023.

*Global Excellence in Modelling of Climate and Energy.* EU Horizon 2020. Contract no.: 681228. Coordinator, 2016-2022.

*Economics of Energy and Environmental Policy.* Charles University. Grant number PRIMUS/17/HUM/16. Participant, 2018-2022.

*Experience-sharing of V4 Countries to Strengthen Civic Engagement* Visegrad Fund. Grant number 21910119. Participant, 2019-2020.

*Frantisek Behounek Prize.* Czech Ministry of Education, Youth and Sports. 2017.

*Innovative Approaches to Credit Risk Management.* Grant Agency of the Czech Republic. Grant number 18-05244S. Participant, 2018-2020.

*Developing Hybrid Modelling Framework for Regulatory Impact Assessment: CGE-TIMES.* Grant Agency of the Czech Republic. Grant number 18-26714S. Participant, 2018-2019.

*European Integration in Central Europe: the Experience of Visegrad Countries.* Visegrad Fund. Grant number 61450035. Participant, 2015-2018.

*Beyond Green Paradoxes: Microeconomic, Econometric and Meta-Analysis Framework for Investigation of Unintended Effects of Climate and Energy Policies.* Grant Agency of the Czech Republic. Grant number 16-00027S. Principal investigator, 2016-2018.

*Credit Risk Modeling for Financial and Commodity Assets Portfolios.* Grant Agency of the Czech Republic. Grant number 15-00036S. Principal investigator, 2015-2017.

*Economic Modeling for Climate-Energy Policy.* Seventh Framework Programme EU. Contract no.: 609642. Coordinator, 2014-2017.

*V4 for C3 EU Integration.* Visegrad 4 Eastern Partnership Program. Flagship Project number 31250020. Participant, 2012-2015.

*Heterogeneity in Economics and Finance.* Grant Agency of Charles University. Grant number 265 504/2012. Participant, 2012.

*Institutional Support.* University of Economics, Prague. Grant number IP100040. Participant, 2012-2016.

*Heterogeneity Between Agents in Economics and Finance.* Grant Agency of Charles University. Grant number 263 504/2011. Participant, 2011.

*The Development of Analytical Framework for Energy Security: Time Series Econometrics, Game Theory, Meta-Analysis, and Theory of Regulation* Grant Agency of the Czech Republic. Grant number 402-11-0948. Principal investigator, 2011-2015.

*The Development of Microeconomic Agent Optimization in Economics and Finance.* Grant Agency of Charles University. Grant number 261 501/2010. Principal investigator, 2010.

*Institutional Responses to Financial Market Failures.* Grant Agency of the Czech Republic. Grant number 403-10-1235. Participant, 2010-2014.

*The Problems of Correlation in the Financial Risk Management.* Grant Agency of the Czech Republic. Grant number 402-09-0380. Participant, 2009-2011.

*EU Food Industry Dynamics and Methodological Advances.* Sixth Framework Programme EU. Contract no.: 044283. Participant, 2007-2009.

*Credit Risk and Credit Derivatives.* Grant Agency of the Czech Republic. Grant number 402-06-0890. Participant, 2006-2008.

*Integration of the Czech Economy into European Union and Its Development.* Institutional grant of the Czech Ministry of Education. Grant number MSM0021620841. Participant, 2005-2011.

*Efficiency of Financial Markets and New Basel Capital Accord (NBCA).* Grant Agency of the Czech Republic. Grant number 402-05-2123. Participant, 2005-2007.

*Policy Advice in Economic Policy Institutes Network.* United Nations Development Programme. Grant number 34492(33297). Participant, 2004-2008.

*Interactions of Public Finance and Capital Markets.* Grant Agency of the Czech Republic. Grant number 402-03-1307. Participant, 2003-2005.

*Markets in the Transition Economy under Imperfect Information.* Research Support Scheme of the Open Society Support Foundation. Grant number 97/1998. Principal investigator, 1999-2001.

*The Development of a Market Economy in the Czech Republic.* Grant Agency of the Czech Republic. Grant number 402/95/0789. Participant, 1995-1996.

*Trade Analysis and Policy Development.* USAID. Participant, 1994-1995.

*Financing the Czech Agriculture in Transition.* Grant Agency of the Czech Republic. Grant number 512-93-2495. Participant, 1993-1994.

*Economic Efficiency of Czech Alcohol Beveridges Industry.* First prize in international competition of students from all COMECON countries in 1989.

## PROFESSIONAL ACTIVITIES

Co-Editor of *Politická Ekonomie* 2009-present.

Member of the editorial board of *Journal of Tax Reform* 2015-present.

*European Finance and Accounting Journal*: member of the advisory board 2014-2015, member of the editorial board 2016-present.

Member of the advisory editorial board of *International Journal of Economic Sciences* 2014-present.

Member of the editorial board of the *Czech Journal of Economics and Finance* 2004-present.

Member of the editorial board of *Czech Economic Review* 2006-2016.

Member of the editorial board of *Open Economics Journal* 2008-2016.

Member of the editorial board of *Open Business Journal* 2007-2016.

Member of the editorial board of *Prague Social Sciences Studies* 2005-2012.

Member of *Scientific Council of Transition Studies Review* 2004-2018.

Member of ANU Institute for Climate, Energy and Disaster Solutions, Australian National University 2018 - present.

Research Associate of Climate Change and Energy program of CAMA, Australian National University 2012-present.

Member of Board of Directors of the Czech Economic Society 2011-present.

Member of field committee of the Ph.D. study programme in energy economics at

Faculty of Electrical Engineering at Czech Technical University 2019-present.  
 Member of field committee of the Ph.D. study programme in economic theory at CERGE 2009-present.  
 Field committee of the Ph.D. study programme in economic theory at Charles University, member 2003-present, chairman 2006-2010.  
 Member of Expert Advisory Body of Evaluators established by the Research, Development and Innovation Council of the Czech government, 2019 - present.  
 Member of Grant Subcommittee of the Czech Science Foundation 2006-2017, 2019 - present, deputy chairman of finance subcommittee and member of social sciences and humanities committee 2019 - present.  
 Grant Agency of Charles University, member of social sciences section 2006-2019, chairman of economics subsection 2007-2010 and 2014-2019, member of governing board 2008-2010.  
 Member of Czech expert advisory group for "Climate, Energy, Mobility" programme section of EU Horizon Europe, 2020-present.  
 Member of Czech expert advisory group for "Secure, Clean and Efficient Energy" programme section of EU Horizon 2020, 2014-2020.  
 Member of central scientific working group for research in agricultural economics at Czech Ministry of Agriculture 2009-2011.  
 Member of Center for Basic Research in Dynamic Economics and Econometrics, Prague 2009-2011.  
 Member of Grant Committee of the Czech Academy of Sciences 1998-2000.  
 Member of Scientific Council of Faculty of Social Sciences, Charles University in Prague 2010, 2011-2014.  
 Member of Scientific Council of Faculty of Economics, University of Economics, Prague 2013-present.  
 Member of Scientific Council of Environment Center, Charles University in Prague 2014-present.  
 Member of Czech Academy of Agricultural Sciences 2011-present.  
 Founding member of Czech Association of Agricultural and Environmental Economists and Sociologists 2018-present.  
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Review of World Economics/ Weltwirtschaftliches Archiv, SIAM Journal on Optimization, Small Business Economics, Statistika, Studies of Socio-Economics and Humanities, Sustainability, Transportation Research Part A: Policy and Practice, Wiley Interdisciplinary Reviews (WIREs) Energy and Environment, Oxford University Press, Oeconomica, Matfyzpress, Springer Verlag, Czech National Bank, Czech Science Foundation, Czech Ministry of Finance, Grant Agency of Czech Ministry of Education, Grant Agency of the Czech Academy of Sciences, Grant Agency of Charles University, Czech National Grant Agency for Agricultural Sciences, Slovak Academy of Sciences, Slovak Research and Development Agency, European Association of Agricultural Economists, European Association of Environmental and Resource Economists, Czech Economic Society, Global Development Network, United Nations Development Programme, International Agricultural Trade Research Consortium, Research Directorate of European Commission.