

## KAREL JANDA - CV

### Address:

Department of Microeconomics and Mathematical Methods,  
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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, Spring 2020.

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, 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.

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.

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, 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, Spring 2016, 2018,

2019, 2020.

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

*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

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

Risk Taking and Moral Hazard in the Financial Institutions.

Microfinance Group Lending under Asymmetric Information.

Renewable Energy on Chinese Stock Market.

Biofuel Prices.

## PAPERS PUBLISHED IN REFEREED JOURNALS

**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 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.
- Chrzą, Stepan; Janda, Karel and Kristoufek, Ladislav.** "Modeling Interconnections within Food, Biofuel, and Fossil Fuel Markets." (In Czech.) ("Modelování provaznosti 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 ucetni casopis* 2008, 3 (1), pp. 1-13.
- Janda, Karel and Cajka, Martin.** "Ceska uverova podpora zemedelstvi: analyza prvnych 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 nedokonalych 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.") *Politická 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.") *Politická 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 nabidky a poplavky v trzni ekonomice agrarne potravinarskeho 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.** "Trzni vztahy pri zabezpecovani vyzivy." (In Czech.) ("Market Relations in Securing Food and Nutrition.") *Ekonomika zemedelstvi*, March 1991, 30(3), pp. 76-78.
- Janda, Karel and Linhart, Karel.** "Subjekty a objekty trzni ekonomiky APK." (In Czech.) ("Subjects and Objects of Market Economy of the Agro-food Complex.") *Ekonomika zemedelstvi*, February 1991, 30(1-2), pp. 17-19.
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(“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.** “Analýza působení hospodářského mechanismu a koncepce radikální ekonomické reformy v agropotravinářském 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.** “Základní principy, pravidla a předpoklady uplatňování vztahů 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 - Díl 2.* (In Czech.) (*Principles of Economics - Part 2.*) Prague: VUZE, 1992.

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

### PAPERS PRESENTED AT CONFERENCES

*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, 2020-2024.
- Experience-sharing of V4 Countries to Strengthen Civic Engagement* Visegrad Fund. Grant number 21910119. Participant, 2019-2020.
- Frontiers in Energy Efficiency Economics and Modelling - FE3M.* Grant Agency of the Czech Republic. Grant number 19-26812X. Principal co-investigator, 2019-2023.
- 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.
- Economics of Energy and Environmental Policy.* Charles University. Grant number PRIMUS/17/HUM/16. Participant, 2018-2020.
- Global Excellence in Modelling of Climate and Energy.* EU Horizon 2020. Contract no.: 681228. Coordinator, 2016-2020.
- 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 *Politicka 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 *Climate Change Institute*, 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.

*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.

Referee for *Acta Oeconomica Pragensia*, *Acta Universitatis Agriculturae et Silviculturae Mendelianae Brunensis*, *Agricultural Economics*, *AGRIS on-line Papers in Economics and Informatics*, *American Economic Journal: Economic Policy*, *Applied Economics*, *Applied Economics Letters*, *Borsa Istanbul Review*, *Bulletin of Economic Research*, *Bulletin of The Czech Econometric Society*, *Central European Review of Economic Issues*, *Czech Economic Review*, *Czech Journal of Economics and Finance*, *Eastern European Economics*, *Economic Inquiry*, *Economic Systems*, *Economics of Transition*, *Emerging Markets Finance and Trade*, *Energy Economics*, *Energy Policy*, *Energies*, *European Integration Online Papers*, *Food Policy*, *Global Change Biology (GCB) Bioenergy*, *International Journal of Economic Sciences*, *International Journal of Finance and Economics*, *Journal of Business Economics and Management*, *Journal of Business Ethics*, *Journal of Cleaner Production*, *Journal of Competitiveness*, *Journal of Development and Agricultural Economics*, *Journal of Economics*, *Journal of Economic Surveys*, *Journal of Economic Theory*, *Journal of Environmental Economics and Management*, *Journal of Food Products Marketing*, *Journal of Institutional and Theoretical Economics*, *Journal of International Development*, *Journal of International Trade and Economic Development*, *Journal of World Business*, *Land Use Policy*, *Mathematics*, *Oxford Development Studies*, *Open Business Journal*, *Open Economics Journal*, *Politická Ekonomie*, *Post-Communist Economies*, *Prague Economic Papers*, *Quarterly Review of Economics and Finance*, *Regulation and Governance*, *Renewable Energy*, *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*, 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 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.