

PERSONAL INFORMATION

Marek Antosiewicz



-  Rejtana 15 lok. 28, 02-516, Warsaw, Poland
-  +48 22 629 3382  +48 663 060 600
-  marek.antosiewicz@ibs.org.pl
-  <http://akson.sgh.waw.pl/~ma37123>
-  Skype: marekantosiewicz

Sex Male | Date of birth 13/01/1986 | Nationality Polish

WORK EXPERIENCE

Dec 2010 - present

Economiast

Institute for Structural Research, Warsaw Poland.

- Macroeconomic analysis using general equilibrium models
- Climate and environmental policy analysis
- Labour market research

Business or sector Research Institute

EDUCATION AND TRAINING

2012 - 2016

PhD in Economics

Warsaw School of Economics, Collegium of Economic Analysis

- Supervisor: Bogumił Kamiński
- Thesis topic: The role of financial frictions in labour markets. A heterogeneous DSGE analysis.

Oct 2012 – Dec 2012

PhD Research Visit

Federal University of Pernambuco, Recife, Brazil

2006 - 2009

BA in Mathematics

University of Warsaw, Department of Mathematics, Informatics and Mechanics

2005 - 2010

Joint BA/MA in Quantitative methods in economics with distinction

Warsaw School of Economics

PERSONAL SKILLS

Mother tongue(s)

Polish

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	B1	B1	B1	B1	B1
Russian	A1	A1	A1	A1	A1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills ▪ good communication skills practiced during training courses, multiple conference and seminar presentations and teaching courses at the Warsaw School of Economics.

Organisational / managerial skills ▪ member of organizing Committee of two large international conferences held at the Warsaw School of Economics: 9th Conference of the European Social Simulation Association, 2013, and XII Conference of Group Decision and Negotiation 2015.

Computer skills ▪ proficient in MATLAB, R, Dynare, Latex, Microsoft Office.
▪ familiar with Python, C++, Java.

Driving licence ▪ Category B

ADDITIONAL INFORMATION

Working Papers

- Solving heterogeneous agent model using Chebyshev polynomial approximation and perturbation method.
- Financial frictions and on the job search (with Jacek Suda).

Publications

- Antosiewicz, M.; Lewandowski, P., 2016, Labour market fluctuations in GIPS – shocks vs. adjustments. *International Journal of Manpower* (forthcoming).
- Antosiewicz, M.; Lewandowski, P.; Witajewski-Baltvilks, J., 2016, Input vs. Output Taxation — A DSGE Approach to Modelling Resource Decoupling. *Sustainability* 2016, 8, 352.
- "Agent rationality behind network formation", *Journal of Organisational Transformation and Social Change*, 2015. (forthcoming).
- "What if You Were German A DSGE Approach to the Great Recession on Labour Markets", (with P. Lewandowski), IBS Working Paper No. 01/2014.
- Choice of best possible metaheuristic algorithm for the travelling salesman problem with limited computational time: quality, uncertainty and speed" (with B. Kamiski, G. Koloch), *Journal of Theoretical and Applied Computer Science*, Vol. 7, No. 1, pp. 46-55, 2013.
- Social-Network Influence on Telecommunication Customer Attrition" (with P. Wojewnik, B. Kamiski, M. Zawisza), pp. 64-73 in J. OShea, N.T. Nguyen, K. Crockett, R.J. Howlett, L.C. Jain: *Agent and Multi-Agent Systems: Technologies and Applications*, Lecture Notes in Computer Science 6682, Springer, Heidelberg, 2011.
- Sticky wage Nash bargaining model with incomplete information, (with M. Bukowski and P. Kowal), IBS Working Paper No. 01/2011.

Conferences and Seminars

- 4th International Symposium in Computational Economics and Finance, Paris, 2016.
- Society for nonlinear Dynamics and Econometrics, University of Alabama, Tuscaloosa, 2016.
- Assessing Resource Policy Actions Current Practice and Future Prospects of Macroeconomic Simulation Studies" Workshop, Freie Universitat, Berlin, February 2015.
- IZA/NBS/CELSI Conference on European Labor Markets and the Euro Area during the Great Recession: Adjustments, Transmission, Interactions, Bratislava, Slovakia, October 2014 (co-author presenting).
- Warsaw International Economic Meeting, Warsaw, Poland, July 2014. (co-author presenting).
- Warsaw International Economic Meeting, Warsaw, Poland, July 2014.
- XIII Conference of Polish Operational and Systems Research Society, Warsaw, Poland, September 2014.
- 9th Conference of the European Social Simulation Association, Warsaw, Poland, September 2013.
- XII Conference of Polish Operational and Systems Research Society, Warsaw, Poland, September 2012.
- International Workshop on Multiple Criteria Decision Making, Ustron, Poland, September 2011.
- DYNAMIX project meetings, TRANSRISK project meetings.

Participation in Research Grants

- Methodology of construction of macroeconomic forecasts taking into account economic agent heterogeneity, National Science Center grant no 2013/11/B/HS4/02120, investigator.
- Methods of incorporating bounded rationality in multiagent simulations, Warsaw School of Economics, Young Scholars Grant no KAE/BMN/19/14, (approx. USD 1000), principal investigator.
- Development of macroeconomic modelling methods: Incorporating ex-post heterogeneity to DSGE models, National Science Center grant no 2011/03/B/HS4/05895, investigator.
- Model analysis of the labour markets of diverse institutional structure - conclusions for Poland and Europe in the context of the Lisbon Strategy implementation, National Centre for Research and Development grant no NR11/0034/06, investigator.

Teaching experience

- Warsaw School of Economics:
- Optimization methods (Spring 2012 / 2013, Fall 2014/2015 and Spring 2014 / 2015), total 180 hrs
 - Deterministic models of operations research (Spring 2012/2013 and Fall 2013/2014), total 90 hrs
- Other:
- Two one-week courses on constructing and simulating DSGE models for Chilean Ministry of Finance in Santiago, Chile in 02/2014 and 04/2015 (part of MAPS Project)

Projects

- TRANSRISK Horizon2020 project. Development of case study for energy sector transition in Poland, (2015-2018)
- Mitigation Action Plan Scenarios, Chile. Development of macroeconomic model of Chilean economy and climate policy analysis, (2013-2014).
- DYNAMIX EU 7th Framework Programme. Macroeconomic, quantitative analysis of resource efficiency policies. (2012-2016)
- Assessing macroeconomic impact of EU cohesion policy during 2004-2013 on Poland (2011-2012).
- Development of HERMIN-type model for assessing EU policies in Romania (2012-2013).
- Green growth policy analysis for Macedonia (2012-2013).

