

JAN WITAJEWSKI-BALTVILKS

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EDUCATION

- 2009–2015 EUROPEAN UNIVERSITY INSTITUTE (Florence, Italy), PhD in Economics
Supervisor: Arpad Abraham, advisors: Ramon Marimon and Nicola Pavoni
Thesis title: "Technology and the Economy: Two-Way Causality"
Thesis committee: Jose Mora, Arpad Abraham, Ramon Marimon and Miklos Koren
- 2011–2012 LONDON SCHOOL OF ECONOMICS, European Doctoral Programme (exchange programme)
LSE advisor: Francesco Caselli
- 2009–2010 EUROPEAN UNIVERSITY INSTITUTE, MRes in Economics
- 2008–2009 UNIVERSITY OF CAMBRIDGE, MPhil in Economics *with distinction*
- 2005–2008 LONDON SCHOOL OF ECONOMICS, BSc in Economics *with First Class honours*

EMPLOYMENT, RESEARCH PROJECTS and INTERNSHIPS

- 03.2018–Present FACULTY OF ECONOMIC SCIENCES, UNIVERSITY OF WARSAW, Poland
Position: Assistant Professor at the Department of Microeconomics
- 05.2015–Present INSTITUTE FOR STRUCTURAL RESEARCH (IBS) in Warsaw, Poland
Position: Researcher
- Scientific coordinator of the IBS team (6 persons) in TRANSrisk - EU's Horizon 2020 project. Co-author of 5 deliverables.
 - Principal Investigator for the project "The Effect of Climate Policies on Labour Market" - Sonata grant by Polish National Science Centre. Coordinator of the research team (3 persons).
 - Co-author of Deliverable 6.2 in the DYNAMIX - EU's 7th Framework Programme (FP7) project.
 - Responsible for the development of a DSGE model for studying macroeconomic consequences of energy and climate policies.
- 05.2013–06.2015 FONDAZIONE ENI ENRICO MATTEI in Milan, Italy
Position: Junior Researcher
- Co-author of Deliverable 4.1 in ADVANCE (EU FP7 project).
 - Co-author of Deliverable 4.2 in ENTRACTE (EU FP7 project).
 - Development of econometric methods for the calibration of numerical and analytical models.
- 06.2011–12.2011 Research project commissioned by INTERNATIONAL INSTITUTE OF DEMOCRACY AND ELECTORAL ASSISTANCE (INTERNATIONAL IDEA) in Stockholm, Sweden
Position: Expert on Economic Development and Econometrics
- Co-author of the literature review on how political design leads to sustainable development.
 - Academic assistance for organizing an international conference.

Nominated lead author for the IPCC 6th Assessment Report, Chapter 16.

Member of the Editorial Advisory Board, *Climate Policy* journal (2016 Impact Factor: 2.73)

Referee for *European Economic Review*, *The B.E. Journal of Macroeconomics*, *Journal of Institutional and Theoretical Economics*, *Energy Economics*, *Energy Journal*, *Environmental and Resource Economics*

RESEARCH INTERESTS

Technological Change, Environmental and Resource Economics, Growth, Labour Economics (with particular interest in wage inequality dynamics).

PUBLICATIONS

1. 2017. Lennox, James and Jan Witajewski-Baltvilks. "Directed Technical Change with Capital-Embodied Technologies: Implications for Climate Policy," *Energy Economics* (Impact Factor: 3.2), Elsevier, vol. 67, pages 400-409.
2. 2017. Witajewski-Baltvilks, Jan, Elena Verdolini and Massimo Tavoni. "Directed Technical Change with Energy Efficiency Improvements," *Energy Economics* (IF: 3.2), In Press, Accepted Manuscript, Available online 28 October 2017.
3. 2016. Jan Witajewski-Baltvilks. "Catching up in Czechia, Hungary and Poland,". *Bank and Credit*, National Bank of Poland, vol. 47(4), pages 319-340. Cited in *Post-Communist Economies*.
4. 2016. Antosiewicz, Marek, Piotr Lewandowski and Jan Witajewski-Baltvilks. "Input vs. Output Taxation - A DSGE Approach to Modelling Resource Decoupling," *Sustainability* (IF: 1.8), vol. 8(4), pages 1-17. Cited in *Energies* and *Sustainability*
5. 2015. Witajewski-Baltvilks, Jan, Elena Verdolini and Massimo Tavoni. "Bending the Learning Curve," *Energy Economics* (IF: 3.2), Elsevier, vol. 52(S1), pages S86-S99. **Cited in *Nature Energy*, *Energy Economics*, *Technological Forecasting and Social Change* and *Renewable and Sustainable Energy Review*.**

1. 2015. "Directed Technical Change with Energy Efficiency Improvements," coauthors: Elena Verdolini and Massimo Tavoni. *FEEM working papers series*, 2015.78
2. 2015. "Bending the Learning Curve," coauthors: Elena Verdolini and Massimo Tavoni. *FEEM working papers series*.
3. 2015. "Can Endogenous Technology Choices Explain Wage Inequality Dynamics? Empirical and Theoretical Evidence". *IBS working papers series*, 15/2015.
4. 2014. "Directed Technical Change with Capital-Embodied Technologies: Implications for Climate Policy," coauthor: James Lennox. *FEEM working papers series*, 2014.73.
5. "Taste Heterogeneity and Elasticity of Substitution". Presented at EEA2016 in Geneva and EEA2018 in Cologne
6. "Green Innovation and Economic Growth in a North-South Model", co-author: Carolyn Fischer. Presented at AERE2017 in Pittsburgh, EAERE2017 in Athens, IEW2017 (University of Maryland) and WCERE2018 in Gotheburg.
7. "The Costs of Transition in a Coal-dependent Economy", co-author: Aleksander Szpor. Presented in Pittsburgh (AERE2017)
8. "Optimal RES differentiation under technological uncertainty", co-author: Jakub Sawulski. Presented in Warsaw (WIEM2017)

ORGANIZATION of INTERNATIONAL SCIENTIFIC MEETINGS

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| 12.10.2017 | Risks of Low Carbon Transition (Warsaw)
Role: lead organizer; scale: 40 participants; funding: Science Dissemination Grant (Polish Ministry of Science) and TRANSrisk - Horizon2020 project |
| 10-12.10.2017 | TRANSrisk project meeting (Warsaw)
Role: lead organizer; scale: 25 participants; funding: TRANSrisk - Horizon2020 |
| 27-28.10.2015 | Jobs and Development conference (Warsaw)
Role: co-organizer; scale: 90 participants; funding: the World Bank |

CONFERENCE and SEMINAR PRESENTATIONS, PANEL DISCUSSIONS

August 2018	Annual Congress of the European Economic Association, Cologne
June 2018	World Congress of Environmental and Resource Economists, Gothenburg
June 2018	International Energy Workshop, Gothenburg
July 2017	International Energy Workshop, University of Maryland, Baltimore
July 2017	Warsaw International Economic Meeting, University of Warsaw
July 2017	Panel Discussion at Warsaw International Economic Meeting, University of Warsaw
June 2017	Annual Conference of the European Association of Environmental and Resource Economists, Athens
May 2017	Annual Conference of the Association of Environmental and Resource Economists, Pittsburgh
August 2016	Annual Congress of the European Economic Association, Geneva
June 2016	Annual Conference of the European Association of Environmental and Resource Economists, Zurich
June 2016	SURED conference, Banyuls-sur-Mer (France)
September 2015	Economics of Innovation, Diffusion, Growth and the Environment, LSE, London
June 2015	International Energy Workshop, Abu Dhabi
June 2015	Annual Conference of the European Association of Environmental and Resource Economists, Helsinki
November 2014	3rd FEEM and CMCC Convention, Venice
September 2014	Jamboree Conference at Paris School of Economics, Paris
June 2014	Annual Conference of the International Association for Applied Econometrics, London
October 2013	2nd FEEM and CMCC Convention, Venice
February 2013	Fondazione Eni Enrico Mattei, Milan
February 2013	Centre for Studies in Economics and Finance, Naples
November 2012	2012 Jamboree Conference at European University Institute, Florence

TEACHING EXPERIENCE

2018–2019	Advanced Microeconomics (for Master students) at UNIVERSITY OF WARSAW Lecturer
2018–2019	Game Theory and Industrial Organization (for BSc students) at UNIVERSITY OF WARSAW Lecturer for the IO part
winter 2017	Microeconomics B (for BSc students) at UNIVERSITY OF WARSAW Teaching Assistant for Dr. Anna Bartczak
winter 2011	Macroeconomics II – Recursive Models (for PhD students) at EUI Teaching Assistant for Prof. Nicola Pavoni
2011–2012	Economics (for BSc Economics students) at LSE Teaching Assistant for Prof. Alwyn Young
winter 2011	Macroeconomics II – Recursive Models (for PhD students) at EUI Teaching Assistant for Prof. Nicola Pavoni
spring 2011	Macroeconomics III – DSGE models, Matlab simulations (for PhD students) at EUI Teaching Assistant for Prof. Arpad Abraham

MEDIA EXPERIENCE

Press and Radio

SOCIAL ACTIVITIES

2010	Coordinator of THE POLISH COMMITTEE at EUROPEAN UNIVERSITY INSTITUTE
2007–2008	Treasurer of THE POLISH SOCIETY at LONDON SCHOOL OF ECONOMICS and Treasurer of THE PUBLIC AFFAIRS SOCIETY at LONDON SCHOOL OF ECONOMICS

SKILLS

Languages	English: fluent, Polish: native, Italian: basic
Computer Literacy	good conduct of MATLAB, \LaTeX , Stata, MS Excel; familiar with Mathematica

REFERENCES

Professor Arpad Abraham
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50133 Florence, Italy
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Professor Ramon Marimon
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