

MARTYNA MARCZAK

Assistant Professor in Economics
Department of Economics, Trinity College Dublin
Room 3013, Arts Building, Dublin 2, Ireland
E-mail: mmarczak@tcd.ie Website: martynamarczak.com

ACADEMIC POSITIONS

- 2023–present Assistant Professor in Economics, Trinity College Dublin
Department of Economics
- 2015–2023 Lecturer and Postdoctoral Researcher, University of Hohenheim, Germany
Department of Economics
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EDUCATION

- 2015 PhD in Economics, University of Hohenheim (Dr. oec.). Dissertation: “Four Essays in the Empirical Analysis of Business Cycles and Structural Breaks”
- 2010 Diploma in Economics, University of Hohenheim (equivalent to MSc in Economics)
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RESEARCH FIELDS

Business-cycle analysis and time-series econometrics; macroeconomics of labor markets; automation and technical change; input-output analysis and global value chains

ARTICLES IN REFEREED JOURNALS

- Endogenous Task Allocation and Intrafirm Bargaining (with Thomas Beissinger). *Economics Letters*, 256, 2025
- Divergence in Labour Force Growth in Open Economies: Should Wages and Prices Grow Faster in Germany? (with Thomas Beissinger and Joël Hellier). *Comparative Economic Studies*, 67, 949–988, 2025
- A New Sectoral Unit Labor Cost Indicator Based on Global Value Chains (with Thomas Beissinger). *Applied Economics Letters*, 29(13), 1152–1157, 2022
- A Class of Periodic Trend Models for Seasonal Time Series (with Tommaso Proietti and Gian Luigi Mazzi). *Journal of Forecasting*, 38, 106–121, 2019
- Illuminating the World Cup Effect: Night Lights Evidence from South Africa (with Gregor Pfeifer and Fabian Wahl). *Journal of Regional Science*, 58, 887–920, 2018*
- A Data-Cleaning Augmented Kalman Filter for Robust Estimation of State Space Models (with Tommaso Proietti and Stefano Grassi). *Econometrics and Statistics*, 5, 107–123, 2018
- EuroMInd-D: A Density Estimate of Monthly Gross Domestic Product for the Euro Area (with Tommaso Proietti and Gian Luigi Mazzi). *Journal of Applied Econometrics*, 32, 683–703, 2017
- Monthly Business Cycle Indicators: A New Multivariate Approach Based on a Band-Pass Filter (with Víctor Gómez). *Empirical Economics*, 52, 1379–1408, 2017
- Bidirectional Relationship between Investor Sentiment and Excess Returns: New Evidence from the Wavelet Perspective (with Thomas Beissinger). *Applied Economics Letters*, 23(18), 1305–1311, 2016*

- Outlier Detection in Structural Time Series Models: The Indicator Saturation Approach (with Tommaso Proietti). *International Journal of Forecasting*, 32(1), 180–202, 2016*
- Cyclicalities of Real Wages in the USA and Germany: New Insights from Wavelet Analysis (with Víctor Gómez). *Economic Modelling*, 47, 40–52, 2015*
- Real Wages and the Business Cycle in Germany (with Thomas Beissinger). *Empirical Economics*, 44, 469–490, 2013*

WORKING PAPERS AND OTHER PUBLICATIONS

- Technical Change, Task Allocation, and Labor Unions (with Thomas Beissinger and Franziska Brall). IZA Discussion Paper No. 15632, 2022. **Revise & Resubmit**, *Labour Economics*
- Competitiveness at the Country-Sector Level: New Measures Based on Global Value Chains (with Thomas Beissinger). IZA Discussion Paper No. 11499, 2018. **Revise & Resubmit**, *Review of World Economics*
- SPECTRAN, a Set of MATLAB Programs for Spectral Analysis (with Víctor Gómez). FZID Discussion Paper No. 60, 2012
- Maßnahmen zur Förderung der Chancengleichheit sowie Frauen in Führungspositionen in baden-württembergischen Betrieben (with Günther Klee). IAW-Kurzbericht No. 5, December 2009

GRANTS AND AWARDS

- 2025 Grant from the Visiting Professorships and Fellowships Benefactions Fund, Trinity College Dublin
- 2024 Grant from the Arts and Social Sciences Benefactions Fund, Trinity College Dublin, to support research
- 2019 Grant for the research visit at the Research Institute for Global Value Chains (RIGVC) in Beijing, financed from the project CHIKOH (“China Competence in Hohenheim”) with funds from the Federal Ministry of Education and Research
- 2016 Award of the employers’ federation Südwestmetall for the best dissertation thesis (€5,000 prize)
- 2016 Young Researcher Best Paper Award, Faculty of Business, Economics and Social Sciences, University of Hohenheim
- 2014 Grant awarded by Eurostat for the research paper “EuroMInd-D: A Density Estimate of Monthly Gross Domestic Product for the Euro Area”—part of the main project “Database management and research activities related to the production of Principal European Economic Indicators”
- 2010 Award of the employers’ federation Südwestmetall for the best diploma thesis (€5,000 prize)

RESEARCH VISITS

- Aug. 2024 Federal Reserve Bank of New York
- Aug. 2024 Federal Reserve Bank of Philadelphia
- Sept. 2020 Research Institute for Global Value Chains (RIGVC), Beijing
- Oct.–Nov. 2013 University of Rome “Tor Vergata” (Prof. Tommaso Proietti)

*Article with at least 20 citations; source: *Google Scholar*

INVITED AND RESEARCH SEMINARS

- 2025 Waseda University, Tokyo, Japan
- 2024 Federal Reserve Bank of Philadelphia, US
- 2023 Federal Reserve Board, Washington, DC, US; University College Dublin, Ireland
- 2019 Research Institute for Global Value Chains (RIGVC), Beijing, China
- 2018 University of Tübingen, Germany

CONFERENCE PRESENTATIONS

- 2026 North American Meeting of the Econometric Society (Atlanta, US)
- 2025 Midwest Macroeconomics Meeting (Federal Reserve Bank of Kansas City, US); Irish Economic Association Conference (Belfast, UK); Summer Workshop on Macro & Finance 2025 (Warsaw, Poland)
- 2024 Royal Economic Society (Belfast, UK); Society of Labor Economists (Portland, US)
- 2023 Annual Congress of the French Economic Association (Paris, France); Warsaw International Economic Meeting (Poland)
- 2022 FIW Research Conference in International Economics (Vienna, Austria); Canadian Economics Association Conference (Ottawa, Canada); Warsaw International Economic Meeting (Poland); Annual Congress of the German Economic Association (Basel, Switzerland)
- 2021 Asian Meeting of the Econometric Society (Miri, Malaysia)
- 2019 Asian Meeting of the Econometric Society (Xiamen, China); ESCoE Conference on Economic Measurement (London, UK)
- 2018 Asian and Australasian Society of Labour Economics (AASLE) Conference (Seoul, South Korea); European Trade Study Group (Warsaw, Poland); China Meeting of the Econometric Society (Shanghai, China)
- 2017 11th CFE Conference (London, UK); European Meeting of the Econometric Society (Lisbon, Portugal); International Conference on Econometrics and Statistics (Hong Kong)
- 2016 Annual Congress of the German Economic Association (Augsburg, Germany); Asian Meeting of the Econometric Society (Kyoto, Japan); Warsaw International Meeting (Poland); FindEcon Conference (Lodz, Poland)
- 2015 9th CFE Conference (London, UK); NBP Workshop on Forecasting at the National Bank of Poland (Warsaw, Poland); Annual Congress of the German Economic Association (Münster, Germany); Warsaw International Meeting (Poland); International Association for Applied Econometrics (IAAE), Thessaloniki, Greece; 19th ICMAIF (Rethymno, Greece)
- 2014 Annual Congress of the German Economic Association (Hamburg, Germany); Warsaw International Meeting (Poland); International Symposium on Forecasting (Rotterdam, Netherlands); 18th ICMAIF (Rethymno, Greece)
- 2013 7th CFE-ERCIM conference (London, UK); PhD Seminar at the University of Rome "Tor Vergata" (Italy); Warsaw International Meeting (Poland); 17th ICMAIF (Rethymno, Greece); Doctoral Workshop at the University of Hohenheim (Germany)
- 2012 PhD Workshop at the University of Hohenheim (Germany); Warsaw International Meeting (Poland); Scottish Economic Society Conference (Perth, Scotland); FAU/IAB Seminar "Macroeconomics and Labor Markets" (Nürnberg, Germany)

- 2011 Workshop on Frequency Domain Research in Macroeconomics and Finance at the Bank of Finland; PhD Workshop at the University of Hohenheim (Germany); 16th Congress of IEA (Beijing, China); 15th ICMAIF (Rethymno, Greece)
- 2010 ifo Workshop “Makroökonomik und Konjunktur” (Dresden, Germany); IWH–IAB Workshop “Lohnpolitik nach der Krise” (Halle, Germany); Annual Congress of the German Economic Association (Kiel, Germany); Warsaw International Meeting (Poland)

TEACHING EXPERIENCE

Trinity College Dublin

- ECP77002: Econometrics II – Time Series (MSc)
- ECP77604: Macroeconomics of Labor Markets (MSc and PhD)
- ECU44171: Advanced Econometrics – Time Series (4th year BSc)
- ECU33133: Macroeconomics of Labor Markets (3rd year BSc)
- ECU33011: Economic Analysis A (3rd year BSc)
- ECU33051: Investment Analysis A (3rd year BSc)
- Supervision of Capstone projects (Bachelor dissertations) and Master dissertations

Supervised PhD student: Leonardo Musati

University of Hohenheim

MSc degree program in Economics, in English:

- Advanced Macroeconomics
- Macroeconomics of Unemployment
- Labor Supply, Immigration and Wage Inequality
- Optimization in Economic Theory
- Supervision of master theses
- Supervision of seminar papers (major Labor Economics)

BSc degree programs, in German:

- Macroeconomics (Economics), in German
- Macroeconomics (Communication Studies), in German
- Microeconomics (Communication Studies), in German
- Supervision of bachelor theses
- Supervision of research-based projects conducted by undergraduate students as part of the “Humboldt Reloaded” project, funded by the Federal Ministry of Education and Research

PROFESSIONAL ACTIVITIES

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| April 2026 | Organizer of the “2nd Women in Macro Workshop” at the Central Bank of Ireland. Keynote speaker: H el ene Rey |
| April 2025 | Organizer of the “Women in Macro: IM-TCD Virtual Workshop” |
| 2026–present | Member of the MSc in Economics Admissions Committee, Trinity College Dublin |
| 2024–present | Research seminar organizer, Department of Economics, Trinity College Dublin |

2024–present	Member of the PhD Thesis Committee, Trinity College Dublin
2024–2025	Mentor in the mentorship program of the Irish Society for Women in Economics (ISWE)
2019–2023	Mentor, Graduate Academy mentoring programme, University of Hohenheim; two doctoral students
2019–2021	Coordinator of the interdisciplinary “Humboldt-Reloaded” project, funded by the Federal Ministry of Education and Research, to develop innovative concepts for research-based learning, University of Hohenheim
2013	Member of the appointment committee for the full professorship in Statistics and Econometrics I, University of Hohenheim
2010/2011	Member of the appointment committee for the full professorship in Statistics and Econometrics II, University of Hohenheim

REFEREE SERVICE

Journals: Journal of the Royal Statistical Society; Empirical Economics; Economic Modelling; Review of World Economics; Journal of Business Cycle Measurement and Analysis; Journal of Business Cycle Research; Review of Development Economics; Structural Change and Economic Dynamics; Journal of Labor Market Research; Swiss Journal of Economics and Statistics
Other: Working Paper Series of the Czech National Bank

MEDIA

- Divergence in Labour Force Growth in Open Economies: Should Wages and Prices Grow Faster in Germany? (with Thomas Beissinger and Joël Hellier, in German): [Contribution for *Ökonomenstimme*](#) (web platform for German-speaking economists, similar to VoxEU)
- Illuminating the World Cup Effect: Night Lights Evidence from South Africa (with Gregor Pfeifer and Fabian Wahl): [Press release of the University of Hohenheim](#), [Sunday Times](#), [SciBraai](#), [htxt.africa](#)

SOFTWARE

MATLAB toolbox SPECTRAN for spectral analysis, available at: martynamarczak.com/code

COMPUTER SKILLS

Python, R, MATLAB, Stata, EViews, Ox, STAMP, Mathematica, Maple, L^AT_EX; Django, HTML, and CSS

LANGUAGES

Polish (native), German (fluent), English (fluent)

June 2026