

Javier Pena

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Personal

Date of Birth: 22.05.1996
Place of Birth: Madrid (Spain)
Nationality: Spanish & German

Current Position

PhD candidate in the Department of Business Mathematics and Data Science at the University of Hohenheim, since October 2022

Research interests: Empirical Macroeconomics, Financial Econometrics

Experience

PhD intern in the Macroeconomic Analysis and Projections Division at the Deutsche Bundesbank, part-time (50%), 04.2025–09.2025

Research Assistant at the Chair of International Macroeconomics and Finance of Prof. Dr. Gernot Müller, University of Tübingen, 02.2022–09.2022

University Education

Master of Science in International Economics, Eberhard Karls University of Tübingen, 2020–2022

Master's Thesis: "Short-run effects of Permanent Monetary Policy Shocks"

Bachelor of Science in Economics, University of Mannheim, 2017–2020

Publication

Baur, D. G., Dimpfl, T., and Pena, J. (2025). A Safe Haven Index. *Finance Research Letters*, 85(B), 107922. <https://doi.org/10.1016/j.frl.2025.107922>

Working Paper

Kleemann, M. and Pena, J. *Every Day Counts: Dense EUA Supply Shocks from Asset Prices*

Work in Progress

Kontny, M. and Pena, J. *Identifying VAR Models Using Time-to-Peak-Effect Restrictions*

Referee

Global Finance Journal

Teaching

Tutorials for the course Business Mathematics (Bachelor), Winter terms 2022/23 to 2026/27

Tutorials for the course Optimization in Economic Theory (Master), Winter terms 2022/23 to 2026/27

Introduction to Financial Data Science (Bachelor Seminar), Winter terms 2025/26 and 2026/27

Supervision of Bachelor's and Master's Theses

Presentations

Every Day Counts: Dense EUA Supply Shocks from Asset Prices (upcoming)

12th FSR Climate Annual Conference, EUI Florence, 30.11.–02.12.2026

27th IWH-CIREQ-GW Macroeconometric Workshop, IWH Halle, 08.–09.12.2026

ACCFIN Research Seminar at the University of Western Australia, 21.03.2024

Several Brown Bag Seminars at the University of Hohenheim during PhD studies

Training

LUMS Spring School “Inference in Macro Models: From Big Data to Structural VARs” by Domenico Giannone (University of Washington and CEPR) and Giorgio Primiceri (Northwestern University, CEPR, and NBER), 29.05.2024–03.06.2024

“Tools for Macroeconomists” by Pontus Rendahl (Copenhagen Business School) and Petr Sedláček (University of New South Wales), 05.08.2024–16.08.2024

“Macroeconomic Forecasting and Analysis in the Machine Learning Era” by Philippe Goulet Coulombe (Université du Québec à Montréal), 10.06.2025–13.06.2025

Euro Area Business Cycle Network Online Training School: “Causal Inference with VARs” by Giovanni Ricco (CREST–École Polytechnique, University of Warwick & CEPR), 10.11.2025–12.11.2025

Euro Area Business Cycle Network Training School: “Energy and Commodity Prices: Macroeconomic Effects and Policy Implications” by Hilde C. Bjørnland (BI Norwegian Business School), 27.04.2026–29.04.2026

Languages

Spanish and German: Native

English: Fluent, Score of 95 at the TOEFL iBT® Test (June 2020)

Computer Skills

Advanced Skills: Microsoft Office, MATLAB, Dynare, LSEG Datastream, R and LaTeX

Basic Skills: Stata, Git and Python