



Daniel Schmidtner

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WORK EXPERIENCE

-
- Staff Scientist in the Research Group for Energy, Environment, and Sustainable Economic Structures (EES)** Jun. 2024 – Ongoing
Vienna, Austria
Institute for Advanced Studies (IHS)
- Conducting research as part of the Horizon Europe SUNRISE project
 - Conducting research for federal ministries on foreign trade issues
- Student Assistant in the Research Group for Energy, Environment, and Sustainable Economic Structures (EES)** Nov. 2022 – May 2024
Vienna, Austria
Institute for Advanced Studies (IHS)
- Assistance in research projects for federal ministries, the Austrian social partnership and the Austrian Labour Market Service
 - Data processing with R Studio
 - Addressing competitiveness issues related to energy intensity and energy unit costs
- Research Assistance in the Research Department (REFFO)** May 2022 – Oct. 2022
Vienna, Austria
Austrian National Bank (OeNB)
- Co-development of a Shiny application for the visualisation of geospatial data in R
 - Data processing with the help of the R package Tidyverse
 - Translation of Stata code into R code
- Software Engineer** Dec. 2016 – Aug. 2017
Burghausen, Germany
SpiraTec AG
- Industrial automation engineering for companies from the pharmaceuticals and chemicals sector
 - Siemens Simatic S7 programming

EDUCATION

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- Master of Arts | Political Science** Mar. 2022 – Ongoing
Vienna, Austria
University of Vienna
- Master of Science | Economics** Oct. 2021 – Apr. 2024
Vienna, Austria
Vienna University of Economics and Business
- Master's Thesis: Regional determinants of CO₂ emissions growth: Spatial filtering in the presence of model uncertainty
- Bachelor of Science | Major: Economics and Socioeconomics** Oct. 2017 – Sep. 2021
Vienna, Austria
Vienna University of Economics and Business
- Bachelor's Thesis: Exploring the impact of Sweden's carbon tax on the emission levels in the heating sector
- Bachelor of Arts | Political Science** Oct. 2017 – Apr. 2021
Vienna, Austria
University of Vienna
- Bachelor's Thesis: The Effect of Economic Crises on European Integration
- High School Diploma | Department of Electronics and Computer Science** 2010 – 2015
Braunau am Inn, Austria
HTL-Braunau
- Track: Mobile Computing

RESEARCH

- Weyerstraß, Getzner, Gugele, Laa, Müller, Niedertscheider, Plank, Plank, Schieder, Schindler, Schmidtner and Zenz** 2024
Institute for Advanced Studies (IHS) Vienna, Austria
- [Gesamtwirtschaftlicher Investitionsbedarf in Österreich zur Erreichung der Klimaziele](#)
- Reiter, Kimmich, Laa, Schmidtner, Wende and Weyerstraß** 2024
Institute for Advanced Studies (IHS) Vienna, Austria
- [Auswirkungen von Energiepreisen auf Österreichs Exportwirtschaft](#)
FIW-Research Reports, No. 2024-05, FIW - Research Centre International Economics
- Kimmich, Angleitner, Köpping, Laa, Plank, Schmidtner, Schnabl, and Zenz** 2023
Institute for Advanced Studies (IHS) Vienna, Austria
- [Photovoltaik- und Windkraftausbau in Niederösterreich: Potenziale und Herausforderungen für Wirtschaft und Arbeitsmarkt](#)

CONFERENCES AND PRESENTATIONS

- Non-reformist reforms as transformation strategy for the degrowth movement** Oct. 2024
Momentum Congress Ossiach, Austria
- Exploring the vote share decline of the Austrian Social Democratic Party** Sep. 2024
Young Economist Conference Vienna, Austria
- Regional determinants of CO₂ emissions growth: Spatial filtering in the presence of model uncertainty** Sep. 2024
Annual Meeting of the Austrian Economic Association (NOeG) Vienna, Austria

HONORS AND AWARDS

- Seasonal School Merit Award** July 2024
Scuola Superiore Sant'Anna Pisa, Italy
- Agent-based models in Economics: theory, toolkit and policy laboratories
- Received the University of Vienna Merit Scholarship** 2022
University of Vienna Vienna, Austria
- Received the University of Vienna Merit Scholarship** 2021
University of Vienna Vienna, Austria

ACTIVITIES & ADDITIONAL TRAINING

- Summer School** Sep. 2024
Università Politecnica delle Marche Ancona, Italy
- [3rd Hands-on AB-SFC Summer School](#)
- Seasonal School** July 2024
Scuola Superiore Sant'Anna Pisa, Italy
- [Agent-based models in Economics: theory, toolkit and policy laboratories](#)
- Organisational member of the Academy for Political Economy** Aug. 2022 – Aug. 2024
[Wirtschaftspolitische Akademie](#) Vienna, Austria
- National Service / Community Service in Nicaragua** Nov. 2015 – Oct. 2016
ARGE Schulpartnerschaft HTL Braunau - IPLS León, Verein Chica Österreich León, Nicaragua
- Maintenance work for the school's photovoltaic systems and wind turbine
 - Technical support of the local staff
 - Organizational work in the associations office and storage facilities
 - Translation of e-mails and other communication between German and Spanish

SKILLS

Languages: German (native), English (fluent), Spanish (fluent), Russian (basic)

Programming: R Studio, Stata, Siemens Simatic S7

Document Creation: Microsoft Office, LaTeX, Markdown