

EKATERINA PRYTKOVA

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Postdoctoral Research Fellow in Economics and Data Science

GREDEG & EUR ELMI, University Côte d'Azur (France)

RESEARCH INTERESTS

Fields	Digital Economics, Industrial Organization, Innovation Economics, Labour Economics
Topics	Digitalization, Platforms, Semiconductor Industry, AI, Future of Work
Methods	Natural Language Processing, Machine Learning, Network Analysis

ACADEMIC APPOINTMENTS

Postdoctoral Research Fellow , University Côte d'Azur, France IdEx Excellence Scholarship	2024 - present
Postdoctoral Research Fellow , University of Sussex, UK PILLARS Project	2021 - 2024
Doctoral student , Friedrich Schiller University Jena, Germany Landesgraduierten Scholarship	2017 - 2021

ACADEMIC CITIZENSHIP

Developer Open source TechXposure Database	
Mentor Women in Economics Institute e.V.	2024 - present
Scientific Organizer VOILA! Seminar Series	2025 - present
Journal Referee	Research Policy, Structural Change and Economic Dynamics, Technovation, Science and Public Policy

PUBLICATIONS

Artificial Intelligence's New Clothes? A System Technology Perspective
(with S. Vannuccini) (2023) Journal of Information Technology, Vol. 39, Issue 2. [Publication](#)

TechXposure Database (v.0.9.0)
(with F. Petit) (2023) [Open-Source Database](#)

On the Basis of Brain: Neural-Network-Inspired Changes in General-Purpose Chips
(with S. Vannuccini) (2022) Industrial and Corporate Change, Vol. 31, Issue 4. [Publication](#)

WORKING PAPERS

The Employment Impact of Emerging Digital Technologies(with F. Petit, D. Li, S. Chaturvedi, T. Ciarli)
[CESifo Working Paper](#), Best Paper Award at the [2nd CESifo / ifo Junior Workshop on Big Data](#), IMF
Paper Award at the [Armenian Economic Association 2024 Annual Meetings](#)

What is the Future of Automation? Using Semantic Analysis to Identify the Pattern of Emerging Technologies (with S. Chaturvedi, T. Ciarli, Ö Nomaler)

The Employment Impact of Emerging Digital Technologies: Evidence from US Labor Markets (with F. Petit) [NBER Working Paper](#)

ONGOING RESEARCH

Market Entry and Demand in Open-Source AI: Evidence from HuggingFace (with S. Vannuccini)

The Artificial Intelligence Shakeout to Come (with J. Wu, S. Vannuccini)

Firms' Adoption of Emerging Technologies: Evidence from Online Job Ads (with A. Giabelli, F. Petit, T. Ciarli)

RESEARCH VISITS

Department of Economic Policy , University of Economics in Bratislava	Winter 2025
Center for Law & Economics , ETH Zurich	Spring 2024
Science Policy Research Unit (SPRU) , University of Sussex	Autumn 2019

EDUCATION

Course of Deep Learning , 3IA Côte d'Azur Institute	Winter 2024/25
Course of Machine Learning , 3IA Côte d'Azur Institute	Winter 2024/25
Ph.D. in Economics , Friedrich Schiller University Jena	2017 - 2021
M.Sc. in Management , Higher School of Economics	2014 - 2016
Visiting student , Friedrich Schiller University Jena	2015 - 2016
B.Sc. in Economics , Higher School of Economics	2010 - 2014

TEACHING

Introduction to Python and Data Science
Economics of Innovation - Economic Dynamics and Structural Change
Productivity and Efficiency Analysis
Introduction to R

COMPUTER SKILLS & LANGUAGES

Programming Languages
R, Python, LaTeX, SQL

Languages
Russian (native), English (fluent), German (basic), Italian (basic)