Pierre Pelletier

PERSONAL INFORMATION

Address	BETA UMR 7522, University of Strasbourg, 61 av. de la Foret Noire, 67085 Strasbourg, France
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Website	https://p-pelletier.github.io/PiR/

CURRENT POSITION

Associate Professor in Economics (CNU section 05) *Since Sept. 2024*
University of Strasbourg, Faculty of Economics and Management, Strasbourg, France.

Researcher (Full Member) *Since Sept. 2024*
Bureau d'Economie Théorique et Appliqué (BETA), UMR 7522 CNRS – University of Strasbourg - University of Lorraine, Strasbourg, France.

PREVIOUS POSITIONS

Postdoctoral Researcher - CPS, University of Turin, Italy	*July 2023 – July 2024*
Adjunct Lecturer - FSEG, University of Strasbourg, France	*October 2022 – June 2024*
Research Assistant - ESC Rennes School of Business, France	*June – August 2023*
Teaching Assistant - FSEG, University of Strasbourg, France	*2019-2022*
Research Assistant - BETA, University of Strasbourg, France	*June – October 2019*

RESEARCH INTERESTS

Economics of Science, Economics of AI, Scientometrics

EDUCATION

PhD in Economics *Oct. 2019- June 2023*
BETA – University of Strasbourg
Title: Artificial Intelligence in Science: Diffusion and Impact
Supervisor: Stefano Bianchini
Committee: Aldo Geuna (University of Turin), Jacques Mairesse (Maastricht University), Michele Pezzoni (University of Nice), Reinhilde Veugelers (KU Leuven), Sandrine Wolff (University of Strasbourg)

Master in Statistics and Econometrics *with Honors* *2019*
Faculty of Economics and Management, University of Strasbourg
Master's Thesis: Deep Learning, re-combinatorial novelty, and scientific impact: The case of biomedical and health sciences

Bachelor's degree in Economics   *2016*
Specialization: Quantitative Economics
Faculty of Economics and Management, University of Strasbourg

SCIENTIFIC AND ACADEMIC ACTIVITIES

Published Articles

Bianchini, S. & Müller, M. & Pelletier, P. (2025) – Drivers and Barriers of AI Adoption and Use in Scientific Research, *Technological Forecasting and Social Change*

Pelletier, P. & Geuna, A. & Souza, D. (2024) Artificial intelligence research in Canadian hospitals: The development of metropolitan competencies, *Healthcare Management Forum*

Bianchini, S. & Müller, M. & Pelletier, P. (2022) Artificial intelligence in science: An emerging general method of invention, *Research Policy*

Working Papers

Shibayama, S. & Wu, Z. & Yin, D. & Yokota, K. & Pelletier, P. (2025) – State of the Art of Novelty Indicators, *Working Paper*

Maltese A-G. & Pelletier P. & Guichardaz R. (2024) – Can AI Enhance its Creativity to Beat Humans ?, *Working Paper*

Pelletier, P. & Wirtz, K. (2023) – Sails and Anchors: The Complementarity of Exploratory and Exploitative Scientists in Knowledge Creation, *Working Paper*

Pelletier, P. & Wirtz, K. (2022) – Novelpy: A Python package to measure novelty and disruptiveness of bibliometric and patent data, *Working Paper*

Müller, M. & Wirtz, K. & Pelletier, P. & Bianchini, S. (2021) – On the global health science response to COVID-19, *Working Paper*

Work in Progress

Bianchini, S. & Napoli, I. & Pellegrino, G & Pelletier, P – Chat-PhD: The Role of LLM in Shaping the Research Practices and Productivity of Young Scholars

Guichardaz, R. & Maltese, A.G. & Pelletier, P. – Fostering Creativity: The Role of Incentives in Human-AI Co-Creation

Carraz, R. & Higham, K. & Pelletier, P. & Van Thien Nguyen, D. & Yang, A. – Translating Disruption from Science to Technology

SEMINARS AND CONFERENCES

2025:
Invited Speaker: Journées nationales d'étude du réseau des Urfist – Intelligence artificielle générative et production des connaissances scientifiques, Paris, France
2024:
NBER – Innovation Information Initiative Technical Working Group Meeting, Cambridge, USA
International Schumpeter Society (ISS), Gothenburg, Sweden

WOEPS – "The Organisation, Economics and Policy of Scientific Research", Turin, Italy
2023:
BETA–ETH Workshop, Strasbourg, France
CSI Internal Seminar, BETA, Strasbourg, France
DRUID PhD Academy Conference, Aalborg, Denmark
2022:
Economics of innovation, AI & Data Science Applications, Copenhagen, Denmark
Eu-SPRI European Forum for Studies of Policies for Research and Innovation", Utrecht, Netherlands
Augustin Cournot Doctoral Days, Strasbourg, France
2021:
WICK Workshop in Innovation, Complexity and Knowledge", Turin, Italy
18th International Schumpeter Society (ISS) Conference (Online) Knowledge Dynamics, Industry Evolution, Economic Development (KID) summer school, Nice, France
2020:
BETA-ZEW Workshop (Online)
DRUID PhD Academy Conference, Odense, Denmark
WICK "Workshop in Innovation, Complexity and Knowledge", Turin, Italy

OTHER TRAINING

2021: Knowledge Dynamics, Industry Evolution, Economic Development (KID) Summer School, Nice, France

AWARDS AND GRANTS

2021: Best Poster Award, ACDD Conference, Strasbourg

TEACHING ACTIVITIES

Lecturer	**Faculty of Economics and Management**
	Programming Techniques
	Master 1 "APE DS2E/SE" – Python
	Master 2 "APE DS2E" – Python
	Data Analysis
	Master 1 "APE ETIC/MPE" – R
	Bachelor 3rd Year "Management" – R

REFEREEING ACTIVITY

Referee for: *Research Policy / Economics of Innovation and New Technology / Scientometrics / Data & Knowledge Engineering*

ADMINISTRATIVE AND SCIENTIFIC RESPONSIBILITIES

Member of the Scientific and Organizing Committee: Workshop "The Organisation, Economics and Policy of Scientific Research" (WOEPS) 18th edition, Strasbourg, France   *2025*

Member of the Scientific and Organizing Committee: Workshop "The Organisation, Economics and Policy of Scientific Research" (WOEPS) 17th edition, Turin, Italy   *2024*

Member of the Curriculum Improvement Committee for the Master in Data Science for the Economy and the Enterprise of the Future (DS2E)   *since 2021*

Member of the Scientific and Organizing Committee (ACDD) 18th edition, Strasbourg, France   *2021*

LANGUAGES AND IT SKILLS

Programming skills   Python, R, SQL, LaTeX
Languages   French (native), English (fluent)