

Education

- since 2019 **PhD in Economics**, *University of Strasbourg*.
- Thesis : “Diffusion and impact of Deep Learning in the scientific system: the case of biomedical and health sciences”
Supervisors : Bertrand Koebel and Stefano Bianchini
- 2016 – 2019 **Master “Statistics and Econometrics”**, *University of Strasbourg*.
- Master Thesis : “Deep Learning, re-combinatorial novelty, and scientific impact: The case of biomedical and health sciences”
Supervisor : Stefano Bianchini
- 2013 – 2016 **Bachelor “Economics and Management”**, *University of Strasbourg*.
Major: Quantitative Economics

Professional Experiences

- since 2019 **Teaching activities**.
- 2021 - :
Department of Economics and Management, University of Strasbourg:
Python/ R (45h - Graduated)
 - 2020 :
Department of Economics and Management, University of Strasbourg:
Visual Basic (15h - Undergraduated)
Microeconomics (8h - Undergraduated)
IUT of Haguenau Gestion Industrielle et Innovation:
"Entreprise 4.0 et Intelligence Artificielle" (4h - Undergraduated)
- 2019 **Research assistant**.
- Bibliometric analysis of scientific publications and patents data

Conferences & Workshops

- 2020 DRUID PhD Academy Conference, Odense, Denmark.
WICK “Workshop in Innovation, Complexity and Knowledge”, Turin, Italy.
3rd BETA-ZEW Workshop (Online).
- 2021 KID summer school, Nice, France.
18th ISS Conference (Online).
WICK “Workshop in Innovation, Complexity and Knowledge”, Turin, Italy.
- 2022 Augustin Cournot Doctoral Days, Strasbourg, France, *Best Poster Award*.
- 2022 Eu-SPRI “European Forum for Studies of Policies for Research and Innovation”, Utrecht, Netherlands.

Publications in peer-reviewed journals

- 2022 Bianchini S., Müller M., Pelletier P. Artificial Intelligence in science: An emerging general method of invention, *Research Policy*, [link](#).

Ongoing Research

- 2022 Bianchini S., Müller M., Pelletier P. Deep learning and scientific collaboration.
- 2022 Pelletier P. and Wirtz K. Taxonomy of novelty, the importance of an author collaboration perspective.

- 2022 Pelletier P. and Wirtz K. *Novelpy*: A python package to measure novelty and disruptiveness of bibliometric and patent data, [link](#).
- 2021 Müller M., Wirtz K., Pelletier P., Bianchini S. Global health science leverages established collaboration network to fight COVID-19, [link](#).

Referee Activities

- Scientometrics
- Economics of Innovation and New Technology
- Data & Knowledge Engineering

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Computer skills

Python / R / L^AT_EX/ Markdown.