

## Current Position

- 2023 – **Post-doctoral Researcher**, CPS – University of Turin.
- Project: “AFfECT-The trAnsFormation oF hEalthCare: UndersTanding the adoption and impact of AI and Robotics”  
Supervisor: Aldo Geuna

## Education

- 2019 – 2023 **PhD in Economics**, BETA – University of Strasbourg.
- Thesis: “Artificial Intelligence in Science: Diffusion and Impact”  
Supervisor: 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

## 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](#).

## Working Papers

- 2023 Pelletier P. and Wirtz K. Unpacking Scientific Creativity: A Team Composition Perspective.  
Bianchini S., Müller M., Pelletier P. Integrating New Technologies into Science: The case of AI, [link](#).
- 2022 Pelletier P. and Wirtz K. Novelty: 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](#).
- 2020 Bianchini S., Müller M., Pelletier P. Deep Learning in Science , [link](#).

## Ongoing Research

- Pelletier P., Geuna, A., Souza, D. AI in Medical Research in Canada: The development of regional competencies.
- Fontana F., Geuna A., Iori M., Pelletier P., Souza D. Using novelty measures acritically: shortcomings and pitfalls .
- Guichardaz M. & Maltese A-G. & Pelletier P. Transformers’ Creative Rebellion: Challenging Human Minds.

## Conferences & Workshops

- 2023 BETA-ETH Workshop, Strasbourg, France.  
DRUID PhD Academy Conference, Aalborg, Denmark.
- 2022 Eu-SPRI “European Forum for Studies of Policies for Research and Innovation”, Utrecht, Netherlands.  
Augustin Cournot Doctoral Days, Strasbourg, France, *Best Poster Award*.

- 2021 KID summer school, Nice, France.  
18th ISS Conference (Online).  
WICK “Workshop in Innovation, Complexity and Knowledge”, Turin, Italy.
- 2020 DRUID PhD Academy Conference, Odense, Denmark.  
WICK “Workshop in Innovation, Complexity and Knowledge”, Turin, Italy.  
3rd BETA-ZEW Workshop (Online).

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## Referee Activities

Research Policy / Scientometrics / Economics of Innovation and New Technology / Data & Knowledge Engineering.

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## Computer skills

Python / R / L<sup>A</sup>T<sub>E</sub>X/ noSQL.