

Carolina Camassa

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🌐 LinkedIn 📄 Google Scholar

🏢 Experience

- 2026-current **Research Fellow**, Future Impact Group, AI Sentience Extension
Full-time fellowship extension following the Winter '25 FIG cohort. Working with Derek Shiller (Eleos AI) on functional emotions in LLMs and training interventions to influence their degree of emotional expression.
- 2021-2026 **Researcher**, Bank of Italy
Key responsibilities: Conducted empirical research into how large language models behave in high-stakes, real-world decision-making, and how they can be used to inform policy. Because the team sat at the meeting point of research and policy, the work also involved providing the technical grounding that helped non-specialist decision-makers make sense of LLM capabilities.
 - Designed and ran studies of how LLMs handle competing values, ethical trade-offs, and misaligned incentives in high-stakes decision-making.
 - Co-led the rollout of internal AI tooling, deployed across a ~6,000-person institution.
 - Represented the team in international working groups on AI adoption and regulation.
- 2021 **Data Engineer**, TrueLayer
Early data team hire at fintech scale-up. Built an analytics platform processing millions of banking transactions; designed ingestion pipelines with Airflow, dashboards, and EMR jobs; infrastructure as code with Terraform and Helm/Kubernetes.
- 2020-2021 **Machine Learning Engineer**, smartFAB
Early technical hire at seed stage startup. Developed AI algorithms to improve productivity and reliability of semiconductor manufacturing pipelines; managed the full data science lifecycle; built a web application for analytics and real-time AI-driven decision-making.

📖 Publications

CONFERENCE PAPERS

- 2026 **Camassa, C. and Shiller, D.** Do as I Say, Not as I Do: Instruction-Induction Conflict in LLMs. *Sci-FM@COLM 2026*.
- 2025 **Iadisernia, G. and Camassa, C.** Prompting for Policy: Forecasting Macroeconomic Scenarios with Synthetic LLM Personas. *Proceedings of the 6th ACM International Conference on AI in Finance*, pp. 335-343.
- 2024 **Bignotti, C., and Camassa, C.** Legal Minds, Algorithmic Decisions: How LLMs Apply Constitutional Principles in Complex Scenarios. *Proceedings of the AAAI/ACM Conference on AI, Ethics, and Society*, 7, 120-130.
- 2024 **Biancotti, C., Camassa, C., Giudice, O., Glielmo, A., and Coletta, A.** Chat Bankman-Fried: an Exploration of LLM Alignment in Finance. *Proceedings of the 1st Workshop on Large Language Models for Finance and Legal (LLMFinLegal)*, 1-22.
- 2023 **Camassa, C.** Legal NLP Meets MiCAR: Advancing the Analysis of Crypto White Papers. *Proceedings of the Natural Legal Language Processing Workshop 2023*, 138-148.

WORKING PAPERS

- 2023 **Biancotti, C. and Camassa, C.** Loquacity and visible emotion: ChatGPT as a policy advisor. *Questioni di Economia e Finanza (Occasional Papers)*, 814. Bank of Italy. Also published as a *SUERF Policy Brief*, No 816, March 2024.

Education

DEGREE SEEKING PROGRAMS

- 2017-2019 **M.Sc. in Engineering Physics**, Polytechnic University of Milan.
• Research thesis: *Study of cell photodamage induced by femtosecond laser pulse irradiation*.
• Exchange semester: University of Eastern Finland, Joensuu.
- 2014-2017 **B.Sc. in Electronics Engineering**, Polytechnic University of Milan.
• Community building: *VP for Public Relations, Event Organizer*, Board of European Students of Technology (Milan chapter).

NON-DEGREE STUDIES

- 2022-23 **Artificial Intelligence Program**, Stanford Online
• XCS224W: Machine Learning with Graphs.
• XCS224U: Natural Language Understanding.
• XCS224N: Natural Language Processing with Deep Learning.

Media Coverage

- 2025 *Chat Bankman-Fried: An experiment on LLM ethics in finance.* **VoxEU/CEPR.**
Chatbot finanziari: di chi è la colpa quando l'intelligenza artificiale sbaglia con i nostri soldi? **Wired.**
- 2024 *Chat Bankman-Fried: quando l'algoritmo ha la tentazione di svuotarti il conto.* **Il Mattino.**
Intelligenza artificiale, crisi finanziaria e ChatGPT: il caso Banca d'Italia. **Wired.**
Banche e intelligenza artificiale: i robot sono tentati di svuotare i conti. **Il Sole 24 Ore.**
ChatGPT, tra intelligenza e allucinazioni. **Biennale Tecnologia.**
Lampi di stupidità artificiale nell'esperimento di Bankitalia con ChatGPT. **Il Foglio.**
- 2023 *Intelligenza artificiale, ecco le opportunità e i rischi per le banche.* **Milano Finanza.**
Loquacity and Visible Emotion: ChatGPT as Policy Adviser. **VoxEU/CEPR.**