

# Federico Torrielli, Dr.

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## Employment History

- 02/23 – 11/23 **Research Fellow**, AI, Large Language Models and Perceptions of AI, Department of Computer Science, University of Torino
- 10/22 – 03/23 **Part-time Assistant, Programming Laboratory 1**. Department of Computer Science, University of Torino

## Education

- 2023 – now **Ph.D., University of Torino** Large Language Models, Alignment Theory and AI.
- 2020 – 2023 **Master's Degree, University of Torino** in Artificial Intelligence.  
Thesis title: *How shall a machine call a thing? Exploring Basicness in Language through Attention-based Neural Networks and Human-in-the-Loop Methodology*.  
Final Vote: 110L/110 with dignity of printing
- 2017 – 2020 **Bachelor Degree, University of Torino** in Computer Science.  
Thesis title: *"Around Me": a practical application of the new digital cartography using Leaflet.js*.
- 2012 – 2017 **High-School Diploma** in Classical Studies (Maturità Classica).  
Thesis title: *A study of the perception of time from Seneca to Heidegger*.

## Teaching Activities

- 11/23 - 10h **NLP and Neural Networks**, for the course "Business Analysis & Natural Language processing", Corep c/o SAA School of Management, Torino, Italy

## Research Publications

### Journal Articles






- 1 L. D. Caro, A. Rapp, and F. Torrielli, "GENERAL: GENerative, explainable and reasonable artificial learning," *Proceedings of the 15th Biannual Conference of the Italian SIGCHI Chapter*, 2023. [DOI: 10.1145/3605390.3610821](#).

### Conference Proceedings

- 1 F. Torrielli *et al.*, "Paint it, black: A novel methodology for prompting," in *Proceedings of the Workshop on GENerative, Explainable and Reasonable Artificial Learning co-located with the 15th Biannual Conference of the Italian SIGCHI Chapter (CHITALY 2023)*, Federico Torrielli, Amon Rapp, Luigi Di Caro, 2023, pp. 3–11.
- 2 F. Torrielli, A. Rapp, and L. D. Caro, "How shall a machine call a thing?" In *International Conference on Applications of Natural Language to Data Bases*, 2023. [DOI: 10.1007/978-3-031-35320-8\\_41](#).
- 3 N. Mauro, L. Ardissono, F. Torrielli, *et al.*, "NearMe: Dynamic exploration of geographical areas," in *Interacción*, 2021. [DOI: 10.1007/978-3-030-78321-1\\_16](#).

## Skills


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- Languages  Strong reading, writing and speaking competencies for English and Italian.
- Coding  Java, Python, C, Rust, SQL, XML/XSL, L<sup>A</sup>T<sub>E</sub>X, ...
- Databases  MySQL, PostgreSQL, NOSQL, ...
- Web Dev  HTML, CSS, JavaScript, TypeScript, ...
- Misc.  Academic research, teaching, training, and publishing.


## Academic Experience

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### Awards and Achievements

- 2023  **Special Mention**, AIxIA "Leonardo Lesmo" Award for best AI Master Thesis.

### Organized Workshops

-  **GENERAL Workshop 2023**. Hosted at CHITALY23. [LINK](#).

### Chair for Conferences

- 2024  **NLDB 2024**. Publicity and Web Chair for the NLDB 2024 conference, 25-27 June 2024, University of Turin, Italy.

### PC Member

-  **NLDB 2024**.

## References

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Available on Request