AGNESE LOMBARDI

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ACADEMIC POSITIONS

IUSS PAVIA, NEPLAB   Pavia
    Researcher   2026-present
    PI: Valentina Bambini

EDUCATION

UNIVERSITY OF PISA, COLING LAB   Pisa
    PhD in Computational Linguistics   2022-2026 (pending degree award)
    Supervisors: Alessandro Lenci, Domenica Romagno

UNIVERSITY OF PISA   Pisa
    Master's Degree in Linguistics and Translation   2019-2021
    (Curriculum: Theoretical and Applied Linguistics)
    Supervisor: Alessandro Lenci

UNIVERSITY OF PISA   Pisa
    Teaching qualification for Italian High School (Pf-24)   2020

UNIVERSITY OF PISA   Pisa
    Bachelor's Degree in Humanities   2015-2018
    Supervisor: Domenica Romagno

RESEARCH INTERESTS

Computational psycholinguistics: LLMs, NLP, interpretability and explainability, neural symbolic networks, mechanistic interpretability, pLoT, grounding, Bayesian Neural Network.

Linguistics: pragmatics and experimental pragmatics, interface between semantics and pragmatics and between semantics and morphosyntax, lexical semantics, Theory of Mind, conversational implicatures.

CONFERENCE PROCEEDINGS AND JOURNALS

- Cameron Jones, **Agnese Lombardi**, Kyle Mahowald, Benjamin Bergen. LLMs and people both learn to form conventions — just not with each other. Under submission

- **Agnese Lombardi** e Alessandro Lenci. ToM Is Not ToM, but a Pragmatic Effect. Under submission
- **Agnese Lombardi** e Alessandro Lenci. Conversational Implicatures Through the Lens of LLMs. Accepted.
- **Agnese Lombardi** e Alessandro Lenci. What Do You Mean? Exploring the Alleged Theory of Mind Abilities of Large Language Models. Under submission
- **Agnese Lombardi** e Alessandro Lenci. Doing Things with Words: Rethinking Theory of Mind Simulation in Large Language Models. In *Proceedings for Eighteen Italian Conference on Computational Linguistics - CLiC-it 2025, Cagliari.*
- **Agnese Lombardi** e Alessandro Lenci. Agentività e telicità in GilBERTo: Implicazioni cognitive. In *Proceedings for Eighth Italian Conference on Computational Linguistics - CLiC-it 2021.*

POSTERS

- **Agnese Lombardi** e Alessandro Lenci. Evaluating Conversational Implicatures in Large Language Models. *XPrag 2025, Cambridge.*
- **Agnese Lombardi** e Alessandro Lenci. Agentività e telicità in GilBERTo: Implicazioni cognitive. *CLiC-it 2021, Milano.*

BOOKS

- Francesco Rovai, Marco Sabbatini, **Agnese Lombardi**, Andrea Lupi (editors). 2026. *Fenomenologie della memoria: studi letterari, linguistici e filologici a confronto.* Pisa University Press, Pisa.

ORAL PRESENTATIONS

- **Agnese Lombardi** e Alessandro Lenci. Evaluating Conversational Implicatures in Large Language Models: Pragmatics or Theory of Mind?. At *LSA Annual Meeting, New Orleans,* 9-11/01/2026.
- **Agnese Lombardi** e Alessandro Lenci. Doing Things with Words: Rethinking Theory of Mind Simulation in Large Language Models. At *CLiC-it 2025, Cagliari.*
- **Agnese Lombardi**, Alessandro Lenci. Large Language Models and Theory of Mind. An analysis with Indirect Speech Acts. At *Th-XPRAG – IGG49 Pre-conference Workshop, 21/02/2024.*
- **Agnese Lombardi**. Large Language Models and Theory of Mind. How to test it through Conversational Implicatures. At *Formae Mentis: percorsi di studio tra letteratura e linguistica, 28/11/2023.*

VISITINGS AND RESEARCH ABROAD

UNIVERSITY OF TEXAS	Austin

UNIVERSITY OF TEXAS   Austin
Visiting Scholar   October 2024-May 2025
Advisor: Kyle Mahowald

TRAININGS AND SUMMER SCHOOLS

BLUE DOT IMPACT
AI Safety Fundamentals: Alignment Course   19/06-30/09/2024

KU LEUVEN UNIVERSITY
ESSLLI 2024   28/07-09/08/2024
35th European Summer School in Logic, Language and Information

UNIVERSITY OF BARI
Lectures on Computational Linguistics 2024   19-21/06/2024

UNIVERSITY OF LJUBLJANA
ESSLLI 2023   31/07-11/08/2023
34th European Summer School in Logic, Language and Information

UNIVERSITY OF LJUBLJANA
ESSAI and ACAI 2023   24-28/07/2023
1st European Summer School on Artificial Intelligence (ESSAI)
20th Advanced Course on Artificial Intelligence (ACAI)

UNIVERSITY OF PISA
Lectures on Computational Linguistics 2023   29-31/05/2023

UNIVERSITY OF PISA
Curricular internship by CoLing Lab (Laboratory of Computational Linguistics)   2020
Study of neural language models based on Transformers
Statistical analysis with R

INDUSTRY EXPERIENCE

ACCENTURE TECHNOLOGY SOLUTIONS S.r.l.
Internship by Accenture (Mobile Studio department)   21/03/2022 – 31/10/2022
Mobile application development: Scuderia Ferrari for iOS

AWARDS AND FUNDS

Scholarship "DSU Toscana"   2015-2021

ORGANIZATION OF SCIENTIFIC EVENTS

University of Pisa. *Battle of Brains: is artificial intelligence an opportunity or a risk for education?* 27-28/11/2024

University of Pisa. *Fenomenologie della memoria: studi linguistici, letterari e filologici a confronto.* 4-5/07/2024

University of Pisa. *Formae Mentis: percorsi di studio tra letteratura e linguistica.* 28-29/11/2023

University of Pisa. *Processi di scrittura e riscrittura tra letteratura e linguistica.* 7-8/06/2023

ACADEMIC SERVICE

Peer-reviews: INPRA 10th (2024), Clic-it (2024, 2025), CMCL (2025), LREC (2026), CogSci (2026)

PhD's representative from 2023 to 2025

Student tutor: 2022/2023, 2023/2024, 2024/2025, 2025/2026

SKILLS

Languages:
Italian (native)
English
French

Computer Skills:
Python (intermediate)
R (intermediate)
Java (beginner)
SwiftUI (intermediate)
Git (beginner)
Dart / Flutter framework (beginner)
Github: https://github.com/agneselombardi

Libraries:
Pandas

Psycholinguistic tools:
Prolific