

ANAÏS CLAIRE MURAT

PhD candidate in AI at Trinity College Dublin | Computational Linguist

@ murata@tcd.ie +33 6 60793889 anaismu.github.io github.com/anaismu



I study conversational flow and its impact on language-accompanying behaviors and perceived qualities (e.g. engagement).
I am open to internships & full-time positions.

ACADEMIC EXPERIENCE

Research

Multimodal Corpus | NLP | HHI

📅 Sept. 2020 – Sept. 2025 📍 Trinity College Dublin

- Supervisor: [Prof. Carl Vogel](#)
- **PhD:** Thesis on multimodal dialogues and how eye gaze can inform the linguistic progression of a conversation.
- **Master's Thesis:** Mutual Gaze and Linguistic Repetition as a proxy for Mutual Understanding

Training

AI | LLM | NLP | Multimodality

- **IBM Masterclass & Workshop 2024:** LLM deployment, evaluation, and challenges.
- **ESSLLI 22:** Summer School on NLP, Multimodality. Modules taught by David Traum & James Pustejovsky.
- **CRT-AI Training:** Machine Learning, Reinforcement Learning, Computer Vision, NLP.

Teaching

Text Analytics | Machine Learning | French Language

📅 Sept 2020 – 2024 📍 Trinity College Dublin

- **Formal Foundations of Linguistic Theories** Lecturer.
- **Text Analytics & Machine Learning:** Demonstrator.
- **French Language Assistant:** Weekly animating a class with non-native speakers of French (B1/B2 level).

Presentations

Full Paper | Poster | Talk

- **LREC 2022:** Full paper as first author.
- **Manchester NLP Club 2022:** Invited speaker.
- **MMSYM 2023:** Poster as first author.
- **ILLA 2023:** Presentation on behalf of Prof. Carl Vogel.
- **GEHM meeting 2024:** Presentation on my research to date.
- **AmsterdamAI & CRT-AI 2024:** Poster on my research.

Fellowships & Achievement

- **SCSS** nominee for the **TCD PG Teaching Awards**.
- Founding member of the AI Newsletter [The Turing Point](#).
- **CRT-AI Scholar:** Fully-funded PhD with training in AI.
- **European Excellence Awards**

EDUCATION

PhD in Computer Science

School of Computer Science & Statistics

📅 2021 – Sept. 2025 📍 Trinity College Dublin

MPhil in Speech & Language Processing

School of Linguistic, Speech & Communication Science Highest Honours

📅 2020 – 2021 📍 Trinity College Dublin

BS in Sciences of Language

School of Linguistics, Literature & Arts Honours

📅 2017 – 2020 📍 Université Lyon 2

English Literature

Partial BS

📅 2017-19 📍 Lyon 2

Baccalauréat S

Highest Honours

📅 2017

PUBLICATIONS

- Vogel, C., Koutsombogera, M., Murat, A. C., Khosrobeigi, Z., & Ma, X. (2023). [Gestural linguistic context vectors encode gesture meaning](#). In W. Pouw, J. Trujillo, H. R. Bosker, L. Drijvers, M. Hoetjes, J. Holler, et al. (Eds.), *Gesture and Speech in Interaction (GeSpIn) Conference*. doi:10.17617/2.3527176.
- Murat, A. C., Koutsombogera, M., & Vogel, C. (2023). [Event Chronography in Multimodal Data: a Method for Quantitative Analyses](#). In *Book of Abstracts of 1st International Multimodal Communication Symposium (MMSYM)*, pages 177-178.
- Murat, A. C., Koutsombogera, M., & Vogel, C. (2022). [Mutual Gaze and Linguistic Repetition in a Multimodal Corpus](#). In *Proceedings of the Thirteenth Language Resources and Evaluation Conference (LREC)*, pages 2771-2780, Marseille, France. European Language Resources Association.

SKILLS

Coding

Python | R | SQL

- NLP processing
- Dataset curation & analysis
- Computer Vision



Multimodal Corpus Processing

Elan | Praat



PROFESSIONAL EXPERIENCE

BNP Paribas

Receptionist

📅 2020

📍 Cours-la-Ville, France

- Customer relations & service.
- Banking operations & Promoting online banking solutions.
- Managing daily operational tasks.

AJS La Pacaudière

Manager Assistant & Youth Worker

📅 2018-2020

📍 Le Crozet, France

- Ensuring safety during the Covid-19 pandemic.
- Planning activities, approaching service providers.
- Inventory management.
- Day activities & Week-long camps with children aged 3-13.

LANGUAGES

French, English



Spanish



Hindi



Arabic, French Sign Language



HOBBIES

Sport

Sea Swimming | Hiking | Running | Cycling | Gym | Basketball | Horse Riding | Boxing

Activities

Computer-Assisted Drawing | Photography | Video Making | Animation | Painting