

## Summary

I'm a PhD student at Universitat Pompeu Fabra under the joint supervision of Gemma Boleda and Laia Mayol. My PhD research currently focuses on understanding the use of referring expressions, mainly through quantitative and computational methods.

## Education

### Universitat Pompeu Fabra

PH.D. CANDIDATE IN LINGUISTICS

Barcelona, Spain

2019 - present

### Universitat Pompeu Fabra

M.S. IN THEORETICAL AND APPLIED LINGUISTICS

- GPA: 8.68/10
- Venue: Computational Linguistics

Barcelona, Spain

2018 - 2019

### Beijing Jiaotong University, Complutense University of Madrid

B.S. IN HISPANIC PHILOLOGY

- GPA: 9.58/10
- with Honors

Beijing, China

2014 - 2018

### European Summer School in Logic, Language and Information

SUMMER SCHOOL

- Track: Language and Computation (LaCo)

Virtually

2021

## Publication

**Liao.** (2022). Coherence-driven predictability and referential form: evidence from English corpus data. Proceedings of Sinn und Bedeutung 26, to appear.

Aina, L., **Liao**, X., Boleda, G., Westera, M. (2021, November). Does referent predictability affect the choice of referential form? A computational approach using masked coreference resolution. In Proceedings of the 25th Conference on Computational Natural Language Learning (pp. 454-469).

## Presentation

### Deep Learning Barcelona Symposium 2021

TALK

- Title: Does referent predictability affect the choice of referential form? A computational approach using masked coreference resolution
- [Recording]

Barcelona, Spain

December 22nd, 2021

### UR-Ling workshop

TALK

- Title: Referent predictability and referential choice

Barcelona, Spain

November 12th, 2021

### The SIGNLL Conference on Computational Natural Language Learning (CoNLL) 2021

POSTER PRESENTATION

- Title: Does referent predictability affect the choice of referential form? A computational approach using masked coreference resolution
- [PDF], [Poster]

Virtually

November 11th, 2021

### Sinn und Bedeutung 26

TALK

- Title: Coherence-driven predictability and referential form: evidence from English corpus data
- OSF

Virtually

September 9th, 2021

## Workshop on Computational and Experimental Explanations in Semantics and Pragmatics

TALK

- Title: Coherence-driven predictability and referential form: evidence from English corpus data

*European Summer School in Logic,  
Language and Information (ESSLI)*

*2021, Virtually*

*August 10th. 2021*

## Student session in European Summer School in Logic, Language and Information (ESSLI) 2021

TALK

- Title: Coherence-driven predictability and referential form: evidence from English corpus data

*Virtually*

*August 6th. 2021*

## Teaching

---

### Semàntica i Pragmàtica (Professor: Martina Wiltschko)

*Department of Translation and  
Language, Universitat Pompeu*

*Fabra*

*2020 - 2021*

TEACHING ASSISTANT FOR MASTER COURSES

- Compositionality and Truth(conditions)
- Modality and possible worlds; Quantifiers
- Clausal and nominal reference
- Presuppositions
- The Gricean program. Recognizing intentions.
- What we do when we use language: Speech act theory.
- Dynamic theories of meaning. Language in interaction.
- Expressing emotions and other non-truth-conditional meaning.
- The relation between language, thought and communication

### Introducció a la Universitat i Recursos (Professor: Núria Bel)

*Department of Translation and  
Language, Universitat Pompeu*

*Fabra*

*2020 - 2022*

TEACHING ASSISTANT FOR UNDERGRADUATE COURSES

- Build an HTML website
- Regular expressions
- Corpus analysis

## Professional Service

---

### ESSLI 2022 Student Session

*Galway, Ireland*

CO-CHAIR

*August 8-19, 2022*

- Track: Language and Computation (LaCo)

### REtreat for Students in Computational Linguistics (REST-CL)

*Barcelona, Spain*

ORGANIZER

*April 11-14, 2022*

- Rural house

## Work Experience

---

### China's Commerce Ministry, Beijing Jiaotong University Training Center

*Beijing, China*

CHINESE-SPANISH INTERPRETER & TRANSLATOR IN SEMINARS FOR FOREIGN DELEGATIONS

*2017 - 2018*

- Bilateral Seminar of Infrastructure Between China and Uruguay.
- Seminar on Ocean Railway Construction for Perú-Brasil

### Cielo Education

*Beijing, China*

CHINESE TEACHER FOR FOREIGNERS

*2017 - 2018*

- Teaching elementary Chinese.

## Fellowships

---

2020.5-2023.5 FI Scholarship awarded by AGAUR (Agency for Management of University and Research Grants)

2019.9-2020.5 CSC Scholarship awarded by Chinese Scholarship Council

## Languages & Skills

---

LANGUAGES Mandarin Chinese (native), English (IELTS C1), Spanish (DELE C1)

SKILLS Python, Java, R, HTML, Visual Basic

## Courses

---

### Machine Learning

COURSERA

- [Certificate]

*Stanford, online*

*September 20, 2020*

### The FIDU (Initial Training in University Teaching) Programme in Translation and Language Sciences

UNIVERSITAT POMPEU FABRA

- [Certificate]

*Online*

*September 21th 2020 - June 30th 2021*

### From Draft to Submission: Publishing an Article or Book Chapter in English

UNIVERSITAT POMPEU FABRA

- [Certificate]

*Online*

*February 2021*

### Statistics for Language studies

UNIVERSITAT POMPEU FABRA

- [Certificate]

*Online*

*May 2021*

## Participation in Conferences

---

### The 2021 Conference on Empirical Methods in Natural Language Processing (EMNLP)

*November 7-11, 2021*

### Sinn und Bedeutung 26

*September 8-10, 2021*

### GeCKo symposium: Integrating Generic and Contextual Knowledge

*May 18th, 2020*

### The 28th edition of the Conference of the Student Organisation of Linguistics in Europe (ConSOLE 28)

*January 29-31, 2020*

### Deep Learning Barcelona Symposium 2019

*December 19-20, 2019*

## Membership in Scientific Association

---

### Association for Computational Linguistics (ACL)

*2021 - present*