

Laura Cabello

PHD FELLOW · NATURAL LANGUAGE PROCESSING

Department of Computer Science, University of Copenhagen, Denmark

☎ (+45) 52820207 | ✉ lcp@di.ku.dk | 🏠 lautel.github.io | 📱 lautel | 🌐 laura-cabello-piqueras

Education

PhD, Computer Science

Copenhagen, Denmark

UNIVERSITY OF COPENHAGEN

Jun. 2021 - PRESENT

- Topics: Natural Language Processing, Machine Learning
- Advisor: Prof. Anders Søgaard

MSc, Telecommunication Engineering

Spain & Finland

UNIVERSITY OF ZARAGOZA & TAMPERE UNIVERSITY OF TECHNOLOGY

2014 - 2017

- Major: Signal Processing
- Thesis: Autoregressive model based on a deep convolutional neural network for audio generation
- Thesis Supervisors: Prof. Tuomas Virtanen, Prof. Heikki Huttunen

Selected Publications

Laura Cabello, Emanuele Bugliarello, Stephanie Brandl, Desmond Elliott. [Evaluating Bias and Fairness in Gender-Neutral Pretrained Vision-and-Language Models](#). EMNLP, 2023.

Oliver Eberle, Ilias Chalkidis, Laura Cabello, Stephanie Brandl. [Rather a Nurse than a Physician - Contrastive Explanations under Investigation](#). EMNLP, 2023.

Laura Cabello*, Terne Sasha Thorn Jakobsen*, Anders Søgaard. [Being Right for Whose Right Reasons?](#) ACL, 2023.

Laura Cabello, Anna Katrine Jørgensen, Anders Søgaard. [On the Independence of Association Bias and Empirical Fairness in Language Models](#). ACM FAccT, 2023.

Yong Cao, Li Zhou, Seolhwa Lee, Laura Cabello, Min Chen, Daniel Hershcovich. [Assessing Cross-Cultural Alignment between ChatGPT and Human Societies: An Empirical Study](#). Workshop C3NLP@EACL23.

Laura Cabello Piqueras*, Constanza Fierro*, Jonas F. Lotz*, Phillip Rust*, Joen Rommedahl, Jeppe Klok Due, Christian Igel, Desmond Elliott, Carsten Bøcker Pedersen, Israfel Salazar, Anders Søgaard. [Date recognition in historical parish records](#). ICFHR, 2022.

Laura Cabello Piqueras, Anders Søgaard. [Are Pretrained Multilingual Models Equally Fair Across Languages?](#) COLING, 2022.

Daniel Hershcovich, Stella Frank, Heather Lent, Miryam de Lhoneux, Mostafa Abdou, Stephanie Brandl, Emanuele Bugliarello, Laura Cabello Piqueras, Ilias Chalkidis, Ruixiang Cui, Constanza Fierro, Katerina Margatina, Phillip Rust, and Anders Søgaard. [Challenges and Strategies in Cross-Cultural NLP](#). ACL, 2022.

Work Experience

NLP Software Engineer

Zaragoza, Spain

NTT DATA

Jun. 2019 - May. 2021

- Developing the product Knowler, a tool for knowledge management. I actively participated in the full life-cycle of ML models, from development to production.
- I developed language understanding tasks and defined new functionalities.

Software Engineer

Zaragoza, Spain

INGENIA

Apr. 2018 - Jun. 2019

- Software design and development of customized backend systems for our clients, leading transportation companies in Europe.

Applied Researcher

Zaragoza, Spain

UNIVERSITY OF ZARAGOZA

Apr. 2017 - Apr. 2018

- Collaboration with the European Project IRIS.
- Research on language technologies for augmentative and alternative communication.

Internships

PROFESSIONAL

2024 **Sony AI**, Research Intern

Tokyo, Japan

2015 **Media Global Links**, R&D department. Network Management Team.

Tokyo, Japan

ACADEMIC

2016 **Tampere University of Technology**, Stay for doing my MSc Thesis

Tampere, Finland

Teaching

2023 **Web Recommender Systems**,

2022 **Web Science**,

2017 **Physics**,

2017 **Mathematics for Telecommunications**,

Skills

Programming Python, bash, SPARQL

Frameworks and Tools PyTorch, SpaCy, Git, Docker

Natural Languages Spanish (native), English (full professional, Cambridge English Advanced (CAE)), Japanese (limited working)