

# Elisa Bassignana

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## EDUCATION

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### IT University of Copenhagen

*Ph.D. Computer Science*

Copenhagen, DK

*Nov. 2020 – Present*

- Specialization in Natural Language Processing. Supervisor: Prof. Barbara Plank
- **Research Visitor:** Ludwig Maximilian University of Munich, 2022
- **Research Visitor:** University of Turku, 2022. Supervisors: Prof. Flip Ginter and Prof. Sampo Pyysalo
- Advanced Language Processing Winter School (ALPS) 2022
- Lisbon Machine Learning School (LxMLS) 2021

### University of Turin

*M.Sc. Computer Science (Summa Cum Laude)*

Turin, IT

*Oct. 2018 – Oct. 2020*

- **Research Stay:** University of Groningen, Spring 2020.
- **Master Thesis:** *Personal-ITY: a YouTube Corpus for Personality Profiling in Italian Social Media.* Supervisors: Prof. Viviana Patti and Prof. Malvina Nissim.

### University of Turin

*B.Sc. Computer Science (Cum Laude)*

Turin, IT

*Oct. 2015 – Jul. 2018*

- **Bachelor Thesis:** *HurtLex: Developing a Multilingual Computational Lexicon of Words to Hurt.* Supervisors: Prof. Viviana Patti and Dr. Valerio Basile

## EXPERIENCE

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### Ph.D. Fellow

*IT University of Copenhagen*

Nov. 2020 – Present

*Copenhagen, DK*

- Working on Domain Adaptation for Information Extraction;
- Deeply exploring Cross-domain Relation Extraction;
- Investigating Relation Extraction in the scientific domain with Deep Learning techniques (Convolutional Neural Networks).
- Experience in large-scale annotation project.

## PUBLICATIONS

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5. **Elisa Bassignana**, and Barbara Plank. “What do You Mean by Relation Extraction? A Survey on Datasets and Study on Scientific Relation Classification.” In Proceedings of the 60th Annual Meeting of the Association for Computational Linguistics: Student Research Workshop (SWR-ACL 2022).
4. Dennis Ulmer, **Elisa Bassignana**, Max Müller-Eberstein, Daniel Varab, Mike Zhang, Christian Hardmeier, and Barbara Plank. “Experimental Standards for Deep Learning Research: A Natural Language Processing Perspective.” Machine Learning Evaluation Standards at ICLR 2022. **Outstanding Paper Award.**
3. **Elisa Bassignana**, Malvina Nissim, and Viviana Patti. “Personal-ITY: A Novel YouTube-based Corpus for Personality Prediction in Italian.” In Proceedings of the Seventh Italian Conference on Computational Linguistics (CLiC-it 2020).

2. **Elisa Bassignana**, Malvina Nissim, and Viviana Patti. “*Matching Theory and Data with Personal-ITY: What a Corpus of Italian YouTube Comments Reveals About Personality.*” In Proceedings of the Third Workshop on Computational Modeling of People’s Opinions, Personality, and Emotion’s in Social Media (PEOPLES 2020).

1. **Elisa Bassignana**, Valerio Basile, and Viviana Patti. “*Hurtlex: A multilingual lexicon of words to hurt.*” In Proceedings of the Fifth Italian Conference on Computational Linguistics (CLiC-it 2018).

## TEACHING

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Introduction to Natural Language Processing and Deep Learning (Lecturer and Senior TA) Spring 2022

## SERVICES

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**Co-organisier:** Communicating State-of-the-art NLP Research to a Broader Audience (PhD Course, 2021)

**Invited Speaker:** GroNLP group (University of Groningen, 2021)

**Reviewer:** W-NUT 2021, PEOPLES 2020

**Volunteer:** ACL 2022, CLiC-it 2018

## AWARDS

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**Outstanding Paper Award**, Machine Learning Evaluation Standards at ICLR (2,000 USD) 2022

**Student Volunteer Award**, free attendance to ACL (300 USD) 2022

**Pietro Torasso**, best M.Sc. thesis in AI at the University of Turin (1,500 €) 2020

**Erasmus+ Scholarship**, sole recipient for an exchange semester at the University of Groningen 2020

## TECHNICAL SKILLS

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**Languages:** Italian (Native), English (Fluent), Danish (Beginner)

**Programming Languages:** Python, C, Java, SQL, CLIPS, Prolog, Haskell

**Developer Tools:** PyCharm, Git, Visual Studio, IntelliJ

**Libraries:** PyTorch, scikit-learn, NumPy, Matplotlib

## EXTRACURRICULAR

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**Music:** Conservatory Certification of Pre-academic Level (Cello), Ghedini Conservatory, Cuneo

**Other activities:** Au-Pair Experience in London (Summer 2019), Scoutmaster, Kids Educator