

Elisa Bassignana

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EDUCATION

IT University of Copenhagen

Ph.D. Computer Science

Copenhagen, DK

Nov. 2020 – Present

- **Specialization in NLP.** Supervisors: Prof. Barbara Plank and Dr. Rob van der Goot
- 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

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

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

Introduction to Natural Language Processing and Deep Learning (Lecturer and Senior TA) ITU, Spring 2022
Seminars in Data Science (Guest Lecturer and Examiner) ITU, Fall 2022

SERVICES

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 2022, EMNLP 2022, W-NUT 2021, PEOPLES 2020
Volunteer: ACL 2022, CLiC-it 2018

AWARDS

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

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

Music: Conservatory Certification of Pre-academic Level (Cello), Ghedini Conservatory, Cuneo
Other activities: Au-Pair Experience in London (Summer 2019), Scoutmaster, Kids Educator