Elisa Bassignana

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EDUCATION

IT University of Copenhagen   Copenhagen, DK
Ph.D. Computer Science   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. Filip Ginter and Prof. Sampo Pyysalo
- Advanced Language Processing Winter School (ALPS) 2022
- Lisbon Machine Learning School (LxMLS) 2021

University of Turin   Turin, IT
M.Sc. Computer Science (Summa Cum Laude)   Oct. 2018 – Oct. 2020
- Research Visitor: University of Groningen, Spring 2020.
- **Master Thesis**: *Personal-ITY: a YouTube Corpus for Personality Profiling in Italian Social Media.*
  Supervisors: Prof. Vivianna Patti and Prof. Malvina Nissim.

University of Turin   Turin, IT
B.Sc. Computer Science (Cum Laude)   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   Nov. 2020 – Present
IT University of Copenhagen   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.
- Experience in large-scale annotation project.
- Creation of a multi-domain dataset for Relation Extraction.

PUBLICATIONS

8. **Elisa Bassignana**, and Barbara Plank. "*CrossRE: A Cross-Domain Dataset for Relation Extraction*". In Findings of the Association for Computational Linguistics: EMNLP 2022.

7. Dennis Ulmer, **Elisa Bassignana**, Max Müller-Eberstein, Daniel Varab, Mike Zhang, Rob van der Goot, Christian Hardmeier, and Barbara Plank. "*Experimental Standards for Deep Learning in Natural Language Processing Research*". In Findings of the Association for Computational Linguistics: EMNLP 2022.

6. **Elisa Bassignana**, Max Müller-Eberstein, Mike Zhang, and Barbara Plank. "*Evidence > Intuition: Transferability Estimation for Encoder Selection*". In Proceedings of The 2022 Conference on Empirical Methods in Natural Language Processing (EMNLP 2022)

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).

Talks

Huawei Finland Research Center	November 2022
Helsinki-NLP group (University of Helsinki)	October 2022
GroNLP group (University of Groningen)	October 2021

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-Chair: Student Research Workshop of EACL 2023
Member: EACL Student Board (2022-)
Organiser: Communicating State-of-the-art NLP Research to a Broader Audience (PhD Course ITU, 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-acadmic Level (Cello), Ghedini Conservatory, Cuneo
Other activities: Au-Pair Experience in London (Summer 2019), Scoutmaster, Kids Educator