

Michele Bevilacqua

Curriculum Vitae

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📄 mbevila.github.io

Grants

2018–present **Research Grant**, *Computer Science*, Sapienza University of Rome, Italy.
Topic: Semi-automatic clustering of verbal and nominal senses

Education

2018–present **PhD Degree**, *Computer Science*, Sapienza University of Rome, Italy.
Supervisor: Prof. Roberto Navigli
Research interests: Word Sense Disambiguation, Knowledge bases integration in neural classifier, Semantic Parsing, Multi-modal Natural Language Processing

2015 **Visiting Student**, Heidelberg University, Germany.
Funded by a faculty grant for thesis research abroad.

2013–2016 **Master's Degree**, *Classics*, Sapienza University of Rome, Italy.
Thesis: Pragmatics and stylometric analysis of particles in Hellenistic Greek
GPA: 29.40
Final Grade: 110 with honours/110

2010–2013 **Bachelor's Degree**, *Classics*, Sapienza University of Rome, Italy.
GPA: 29.41
Final Grade: 110 with honours/110

2005–2010 **High School**, *Maturità classica*, Liceo Classico G. Da Fiore, Cosenza, Italy.
Final Grade: 100/100

Summer/Winter Schools and Events

July 2020 **LxMLS 2020**, *Online*.
(Upcoming) Topics: Machine Learning, Deep Learning

August 2019 **ESSLLI Summer School**, *University of Latvia*, Riga, Latvia.
Topics: Logic, Compositional Vector Semantics

June 2019 **NLP Summit**, *Google*, Zürich, Switzerland.
Invite-only event. Presented my research on contextualized word embeddings for WSD in a poster session.

February 2017 **Triple Winter School**, *Roma TRE University*, Rome, Italy.
Topics: Computational Linguistics, Lexicography, Vector Semantics

Teaching Activities

2018–present **Thesis Supervision**, *Sapienza University of Rome*, Natural Language Processing.
Co-supervised with prof. Roberto Navigli several Master's and Bachelor's thesis on Natural Language Processing topics: Word Sense Disambiguation, Language Modeling, and Multimodal Machine Learning.

2019–2020 **Teaching Assistant**, *Sapienza University of Rome*, Natural Language Processing.
Tutorial sessions; homework organization and planning.

Other

- Reviewer Reviewer for the Artificial Intelligence Journal (AIJ) and the Journal of Web Semantics (JWS)
- Reviewer ECAI 2020, IJCAI 2020

Awards

- 2017 **Outstanding Alumnus Award** (*La giornata del laureato*) - La Sapienza University of Rome, Italy

Technical Skills

Programming Python, Java, PyTorch, Tensorflow

Languages

- Italian Mother Tongue
- English Fluent
- German Basic

Publications

- 2020 **Bevilacqua M.**, Maru M., Navigli R. - *Generatory or "How We Went beyond Word Sense Inventories and Learned to Gloss"*, Proceedings of **EMNLP**.
- 2020 Calabrese A., **Bevilacqua M.**, Navigli R. - *EViLBERT: Learning Task-Agnostic Multimodal Sense Embeddings*, Proceedings of **IJCAI**.
- 2020 **Bevilacqua M.**, Navigli R. - *Breaking Through the (80%) Glass Ceiling: Raising the State of the Art in Word Sense Disambiguation by Incorporating Knowledge Graph Information*, Proceedings of **ACL**.
- 2020 Calabrese A., **Bevilacqua M.**, Navigli R. - *Fatality Killed the Cat or: BabelPic, a Multimodal Dataset for Non-Concrete Concepts*, Proceedings of **ACL**.
- 2020 Lacerra C., **Bevilacqua M.**, Pasini T., Navigli R. - *CSI: A Coarse Sense Inventory for 85% Word Sense Disambiguation*, Proceedings of **AAAI**.
- 2019 **Bevilacqua M.**, Navigli R. - *Quasi Bidirectional Encoder Representations from Transformers for Word Sense Disambiguation*, Proceedings of **RANLP**.