

AWARDS

🏆 Outstanding Paper

NAACL 2021

Recognized as one of the best papers at NAACL 2021, a top-tier NLP conference.

🏆 Distinguished PC

member

IJCAI 2022

Ranked in the top 3% at IJCAI 2022, a top-tier AI conference.

🎓 Honors Student

2018

Honors Student (Laureato Eccellente) in Engineering in Computer Science.

🏆 CyberChallenge

3rd position (2017)

A national training programme for 25 students cherry-picked among more than 700 candidates, sponsored by Microsoft, IBM and Cisco.

🏆 Google Workshop

1st position (2016)

An inter-university build-your-startup traineeship and competition, sponsored by Google.

Simone Conia

PhD

Deep Learning & Natural Language Processing

📖 Interested in **multilingual and cross-lingual semantics**, especially Semantic Role Labeling, Word Sense Disambiguation, and Semantic Parsing.

✍️ Author of 22 publications, including **ACL**, **IJCAI**, **EMNLP** and **NAACL**.

📊 **Citation count: 259**. h-index: 9. i10-index: 9.

EDUCATION

PhD - Computer Science

Sapienza University of Rome (Italy)

2019 - ongoing

Advisor: **Roberto Navigli**

Research: **Multilingual and Cross-lingual Semantics**.

MSc - Engineering in Computer Science

Sapienza University of Rome (Italy)

2016 - 2019

Thesis: "Multilingually-enhanced concept vector representations for NLP"

- Final grade: **110 with honors / 110**
- Grade Point Average: **30 / 30** [4.0 / 4.0]

BSc - Engineering in Computer Science

Sapienza University of Rome (Italy)

2013 - 2016

Thesis: "Intelligent tips about what's around us"

- Final grade: **110 with honors / 110**
- Grade Point Average: **28.5 / 30** [3.8 / 4.0]

PUBLICATIONS

2023

Roberto Navigli, [Simone Conia](#), Bjorn Ross. **Biases in Large Language Models: Origins, Inventory and Discussion**.

JDIQ 2023

Luigi Procopio, [Simone Conia](#), Edoardo Barba, Roberto Navigli. **Entity Disambiguation with Entity Definitions**.

EACL 2023

2022

[Simone Conia](#), Edoardo Barba, Alessandro Scirè, Roberto Navigli. **Semantic Role Labeling Meets Definition Modeling: Using Natural Language to Describe Predicate-Argument Structures**.

EMNLP 2022

[Simone Conia](#), Roberto Navigli. **Probing for Predicate Argument Structures in Pretrained Language Models**.

ACL 2022

Cesare Campagnano, [Simone Conia](#), Roberto Navigli. **SRL4E - Semantic Role Labeling for Emotions: A Unified Evaluation Benchmark**.

ACL 2022

Marco Maru, [Simone Conia](#), Michele Bevilacqua, Roberto Navigli. **Nibbling at the Hard Core of Word Sense Disambiguation**.

ACL 2022

Roberto Navigli, Rexhina Blloshmi, Edoardo Barba, [Simone Conia](#). **A Tour of Explicit Multilingual Semantics: Word Sense Disambiguation, Semantic Role Labeling and Semantic Parsing**. Tutorial at AACL 2022.

AACL 2022

SKILLS

Deep Learning 4+ yrs

NLP 4+ yrs

Multi/Cross-lingual NLP 3+ yrs

Semantics 4+ yrs

Semantic Role Labeling 4+ yrs

Semantic Parsing 2+ yrs

Teaching 2+ yrs

Jingxuan Tu, Eben Holderness, Marco Maru, [Simone Conia](#), Kyeongmin Rim, Kelley Lynch, Richard Brutti, Roberto Navigli, James Pustejovsky. **SemEval-2022 Task 9: R2VQ – Competence-based Multimodal Question Answering.** Workshop co-located with NAACL 2022.

SemEval 2022

Riccardo Orlando, [Simone Conia](#), Stefano Faralli, Roberto Navigli. **Universal Semantic Annotator: the First Unified API for WSD, SRL and Semantic Parsing.**

LREC 2022

2021

[Simone Conia](#), Riccardo Orlando, Fabrizio Brignone, Francesco Cecconi, Roberto Navigli. **InVeRo-XL: Making Cross-Lingual Semantic Role Labeling Accessible with Intelligible Verbs and Roles.**

EMNLP 2021

Riccardo Orlando, [Simone Conia](#), Fabrizio Brignone, Francesco Cecconi, Roberto Navigli. **AMuSE-WSD: An All-in-One Multilingual System for Easy Word Sense Disambiguation.**

EMNLP 2021

Rocco Tripodi, [Simone Conia](#), Roberto Navigli. **United-SRL: A Unified Dataset for Span- and Dependency-based Multilingual and Cross-Lingual Semantic Role Labeling.**

EMNLP 2021

Simone Tedeschi, [Simone Conia](#), Francesco Cecconi, Roberto Navigli. **Named Entity Recognition for Entity Linking: What Works and What's Next.**

EMNLP 2021

Rexhina Blloshmi, [Simone Conia](#), Rocco Tripodi, Roberto Navigli. **Generating Senses and RoLes: An End-to-End Model for Dependency- and Span-based Semantic Role Labeling.**

IJCAI 2021

Roberto Navigli, Michele Bevilacqua, [Simone Conia](#), Dario Montagnini, Francesco Cecconi. **Ten Years of BabelNet: A Survey.**

IJCAI 2021

[Simone Conia](#), Andrea Bacciu, Roberto Navigli. **Unifying Cross-Lingual Semantic Role Labeling with Heterogenous Linguistic Resources.**

NAACL 2021

★ Outstanding paper award

[Simone Conia](#), Roberto Navigli. **Framing Word Sense Disambiguation as a Multi-Label Problem for Model-Agnostic Knowledge Integration.**

EACL 2021

2019-20

[Simone Conia](#), Fabrizio Brignone, Francesco Cecconi, Roberto Navigli. **InVeRo: Making Semantic Role Labeling Accessible with Intelligible Verbs and Roles.**

EMNLP 2020

[Simone Conia](#), Roberto Navigli. **Bridging the Gap in Multilingual Semantic Role Labeling: A Language-Agnostic Approach.**

COLING 2020

[Simone Conia](#), Roberto Navigli. **Conception: Multilingually-Enhanced, Human-Readable Concept Vector Representations.**

COLING 2020

Andrea Di Fabio, [Simone Conia](#), Roberto Navigli. **VerbAtlas: a Novel Large-Scale Verbal Semantic Resource and Its Application to Semantic Role Labeling.**

EMNLP 2019

OTHER

- Reviewed 60+ papers for 10+ conferences/journals, including ARR (15 papers), ACL (6), EMNLP (14), IJCAI (7), Web Conference (3), EACL (4), COLING (5), LREC (3), SemEval (5).

- Winner of **5 research grants** at Sapienza University of Rome.
- Teaching assistant for the MSc course on NLP at Sapienza University of Rome.
- Blood donor.