

# Claudio Greco

## Curriculum Vitæ

✉ [claudio.greco@unitn.it](mailto:claudio.greco@unitn.it)  
🌐 [www.github.com/claudiogreco](https://www.github.com/claudiogreco)

### Education

- Nov. 2017 - **PhD student in Cognitive and Brain Sciences**, *Center for Mind/Brain Sciences (CIMEC), University of Trento*.  
2021 (Expected) Topics: Multimodal learning, Transfer learning, Continual learning.  
Supervisor: Raffaella Bernardi.
- Sep. 2014 - **Master's degree in Computer Science**, *University of Bari Aldo Moro*.  
Jul. 2017 Full marks with honors (110/110 cum laude).  
Thesis on a conversational content-based recommender system based on hierarchical deep reinforcement learning techniques.  
Supervisors: Pierpaolo Basile, Giovanni Semeraro.
- Sep. 2008 - **Bachelor's degree in Computer Science**, *University of Bari Aldo Moro*.  
May 2014 Full marks with honors (110/110 cum laude).  
Thesis on the discovery and tracking of organizational structures in event logs exploiting social network analysis techniques.  
Supervisors: Annalisa Appice, Donato Malerba.

### Work Experience

- Jun. 2019 - **Research Intern**, *SAP Machine Learning Research*.  
Nov. 2019 Worked on Continual Learning and Multimodal Learning.  
Supervisors: Moin Nabi, Tassilo Klein.

### Teaching Experience

- Nov. 2017 - **Teaching Assistant**, *Computational Linguistics*.  
Nov. 2017 Teaching Assistant for the Computational Linguistics course of the M.Sc. degree in Cognitive Science (Lecturer: Raffaella Bernardi), University of Trento.

### Summer Schools

- 16 Jul. 2018 - **Transylvanian Machine Learning Summer School**, *Cluj-Napoca, Romania*.  
22 Jul. 2018 Focused on Deep Learning and Reinforcement Learning.

### Publications

- [1] A. Testoni, C. Greco, T. Bianchi, M. Mazuecos, A. Marcante, L. Benotti, and R. Bernardi. They are not all alike: answering different spatial questions requires different grounding strategies. In *Proceedings of the Third International Workshop on Spatial Language Understanding*, pages 29–38, 2020.
- [2] S. Pezzelle, C. Greco, G. Gandolfi, E. Gualdoni, and R. Bernardi. Be different to be better! a benchmark to leverage the complementarity of language and vision. In *Proceedings of the 2020 Conference on Empirical Methods in Natural Language Processing: Findings*, pages 2751–2767, 2020.

- [3] C. Greco, A. Testoni, and R. Bernardi. Grounding dialogue history: Strengths and weaknesses of pre-trained transformers. In M. Baldoni and S. bandini, editors, *XIXth International Conference of the Italian Association for Artificial Intelligence, Virtual Event, November 24-27, 2020, Revised and Selected papers*, volume Volume 12414 of LNAI @inproceedingsDBLP:conf/aiia/0002TB19, abbr=AlxIA 2020, author = Claudio Greco and Alberto Testoni and Raffaella Bernardi, editor = Matteo Baldoni and Stefania bandini, title = Grounding Dialogue History: Strengths and Weaknesses of Pre-Trained Transformers, booktitle = XIXth International Conference of the Italian Association for Artificial Intelligence, Virtual Event, November 24-27, 2020, Revised and Selected papers, series = AlxIA 2020: Advances in Artificial Intelligence, volume = Volume 12414 of LNAI, publisher = Springer Nature Switzerland AG, 2021, year = 2020, code=<https://github.com/claudiogreco/aixia2021>, selected=true of *AlxIA 2020: Advances in Artificial Intelligence*. Springer Nature Switzerland AG, 2021, 2020.
- [4] C. Greco, B. Plank, R. Fernández, and R. Bernardi. Psycholinguistics meets continual learning: Measuring catastrophic forgetting in visual question answering. In *Proceedings of the 57th Annual Meeting of the Association for Computational Linguistics*, 2019.

## Technical Skills

Programming languages	Python, Java, C, C++, Lua, Matlab, Haskell, Prolog
Frameworks and libraries	PyTorch, Tensorflow, Torch, NumPy, SciPy, scikit-learn, spaCy, NLTK
Operating systems	Linux, MacOS, Windows

## Languages

Italian	Native
English	Fluent
French	Basic