Claudio Greco

Curriculum Vitæ

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Education

Nov. 2017 - 2021 (Expected) **PhD student in Cognitive and Brain Sciences**, *Center for Mind/Brain Sciences (CIMeC), University of Trento*.
Topics: Multimodal learning, Transfer learning, Continual learning.
Supervisor: Raffaella Bernardi.

Sep. 2014 - Jul. 2017 **Master's degree in Computer Science**, *University of Bari Aldo Moro*.
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 - May 2014 **Bachelor's degree in Computer Science**, *University of Bari Aldo Moro*.
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 - Nov. 2019 **Research Intern**, *SAP Machine Learning Research*.
Worked on Continual Learning and Multimodal Learning.
Supervisors: Moin Nabi, Tassilo Klein.

Summer Schools

16 Jul. 2018 - 22 Jul. 2018 **Transylvanian Machine Learning Summer School**, *Cluj-Napoca, Romania*.
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. Which turn do neural models exploit the most to solve guesswhat? diving into the dialogue history encoding in transformers and lstms. In P. Basile, V. Basile, D. Croce, and E. Cabrio, editors, *Proceedings of the 4th Workshop on Natural Language for Artificial Intelligence (NL4AI 2020) co-located with the 19th International Conference of the Italian Association for Artificial*

*Intelligence (AI*IA 2020), Anywhere, November 25th-27th, 2020*, volume 2735 of *CEUR Workshop Proceedings*, pages 29–43. CEUR-WS.org, 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