CURRICULUM VITAE

Assistant Professor at the Computer Science Department, University of Turin, Italy

RESEARCH INTERESTS

Computational Semantics, Information Extraction, Knowledge Representation, Linguistic Annotation, Language Resources, Sentiment Analysis, Hate Speech detection

EDUCATION

- PhD at University of Groningen (December 2015). Title of the thesis: " From Logic to Language: Natural Language Generation from Logical Forms ". Supervisor: Prof. Johan Bos. Funded by University of Groningen Endowed Chair programme.
- Master's Degree in Computer Science at University of Bologna (110/110 cum laude, March 2010). Title of the thesis: "Word Sense Induction using Distributional Semantic models". Supervisor: Prof. Fabio Tamburini.
- European Summer School in Logic, Language and Information (ESSLLI 2011) Ljubljana, Slovenia, 1-12 August 2011.

ACADEMIC POSITION

- November 2019-present: Assistant Professor at the Department of Computer Science at the University of Turin, Italy.
- April 2018-current: Postdoc research fellow at Department of Computer Science, University of Turin, Italy. Topic: "Computational approaches for analysing and detecting emotions in expressions of hatred in social media"
- April 2018-March 2019: Postdoc research fellow at Department of Computer Science, University of Turin, Italy, on the project IhatePrejudice funded by Compagnia di San Paolo. Topic: " Approcci basati sulla linguistica computazionale alla rilevazione automatica dell hate speech nei social media".
- September 2017-February 2018: Postdoc research fellow at Department of Computer Science, University of Rome "La Sapienza", Italy, on the ERC Project MOUSSE. Topic: "Parsing semantico multilingue"
- August 2015-August 2017: Postdoc research fellow at WIMMICS, Inria Sophia Antipolis Mediterranée, France, on the CHIST-ERA project ALOOF.
- April 2010-December 2010: Research scholarship at CIRSFID, University of Bologna/

RESEARCH PROJECTS

- POPULUS (MultilingualPerspectiveAware NLU, funded by Amazon Alexa). P.I. Valerio Basile. The project focuses on perspectivist analysis of irony in natural language and social media conversations.
- BREAKhateDOWN (Compagnia di San Paolo -Bando ex-post 2020 - "Toxic Language Understanding in Online Communication"). P.I. Valerio Basile. The project focuses on the detection, analysis, and explanation of hate speech in natural language.
- IhatePrejudice (Immigrants, Hate and Prejudice in Social Media, April 2018-March 2019). P.I. Prof. Cristina Bosco. The project focuses on the study of the language of social media, in particular about groups and minorities.
- Contro l'odio (June 2018-current). P.I. Marco Stranisci (ACMOS). Funded by the Italian Ministry of Labor and Social Policies (Ministero del Lavoro e delle Politiche Sociali).
- MOUSSE (Multilingual, Open-text Unified Syntax-independent SEmantics, September 2017-February 2018). P.I. Prof. Roberto Navigli. Funded by ERC consolidator grant.
- ALOOF (Autonomous Learning of the Meaning of Objects, August 2014-August 2017). Funded by EU CHIST-ERA programme. The goal of ALOOF was to advance the ability of today's autonomous systems to adapt to ever changing, dynamic real world environments by enabling them to learn about the meaning of objects from resources accessible through the Web.
- D-MAP (Deep Meaning Annotation Project, January 2011-June 2015). P.I.: Prof. Johan Bos. funded by the University of Groningen Endowed chair programme. The project was concerned with the development of a large-scale deep semantic annotation of text and its application of machine learning methods in computational semantics.

SCIENTIFIC ACTIVITY

Recent roles:
- Local Chair di LREC-COLING 2024
- Senior Area Chair per l'area "Resources and Evaluation", Conference on Empirical Methods in Natural Language Processing (EMNLP 2022)
- Area Chair per l'area "Sentiment Analysis and Opinion Mining", 29th International Conference on Computational Linguistics (COLING 2022)
- Program Chair, 27th International Conference on Natural Language & Information Systems (NLDB 2022)
- Publication Chair, 16th Conference of the European Chapter of the Association for Computational Linguistics (EACL 2021)
- System Demonstration Chair, 60th Annual Meeting of the Association for Computational Linguistics (ACL 2022)

Associate Editor for Language Resources and Evaluation (Springer). Guest Editor for the following special issues of international journals: Information, section "Artificial Intelligence", special issue on "Neural Natural Language Generation", 2021. Frontiers in Artificial Intelligence, section "Language and Computation", research topic "Bias, Subjectivity and

Perspectives in Natural Language Processing", 2021. Applied Ontology, special issue on Meaning in Context: ontologically and linguistically motivated representations of objects and events., 2019. Data & Knowledge Engineering, special issue on Natural Language Processing and Information Systems (NLDB 2012), 2014.

Organization of workshops: CREOL 2017, 20219 (Workshop on Contextual Representation of Objects and Events in Language at the Joint Ontology Workshops), NL4AI 2018, 2019, 2020 (Workshop on Natural Language Processing for Artificial Intelligence at the Italian conference on Artificial Intelligence), Rest-UP 2020, 2022 (Workshop on Resources and Techniques for User Information in Abusive Language Analysis), NLPerspectives 2022 and 2023 (Workshop on Perspectivist Approaches to Natural Language Processing).

Organization of evaluation campaigns and shared tasks: EVALITA 2020 (evaluation campaign of Natural Language Processing and speech tools for the Italian language), SemEval-2019 Task 5 : Multilingual detection of hate speech against immigrants and women in Twitter (HatEval), SemEval-2018 Task 2 : Multilingual Emoji Prediction, ABSITA at EVALITA 2018 (Aspect-based Sentiment Analysis), IronITA at EVALITA 2018 (Irony Detection in Italian Tweets), SENTIPOLC at EVALITA 2014 and 2016 (Sentiment Polarity Classification).

Area Chair for the following conferences: *SEM 2021 (Joint Conference on Lexical and Computational Semantics), CLiC-it 2017 (Italian Conference on Computational Linguistics) 2017 and 2016. Publication Chair for the following conferences: EACL 2021 (Conference of the European Chapter of the Association for Computational Linguistics), *SEM 2014 (Joint Conference on Lexical and Computational Semantics).

Member of the Program Committee of international top conferences: ACL 2018, 2019, 2020 (Annual Meeting of the Association for Computational Linguistics), IJCAI 2017, 2018, 2019, 2020 (International Joint Conference on Artificial Intelligence), NAACL-HLT 2018, 2019 (Conference of the North American Chapter of the Association for Computational Linguistics - Human Language Technologies), WWW 2019, 2020 (The Web Conference), ISWC 2016, 2017, 2018, 2019, 2020 (International Semantic Web Conference), ESWC 2017-2018-2019 (Extended Semantic Web Conference), EMNLP 2019, 2020 (Conference on Empirical Methods in Natural Language Processing), AAAI 2018, 2019 (AAAI Conference on Artificial Intelligence), EACL 2017 (European Chapter of the Association for Computational Linguistics), AAMAS 2017 (International Conference on Autonomous Agents and Multiagent Systems).

Member of the Program Committee for national and international conferences and workshops: SemEval 2020 (International Workshop on Semantic Evaluation, steering committee), ECAI 2020 (European Conference on Artificial Intelligence), *SEM 2016, 2017, 2018, 2019 (Joint Conference on Lexical and Computational Semantics), MSR 2019 (Workshop on Multilingual Surface Realization), LDK 2019 (Conference on Language, Data and Knowledge), SwissText & 16th KONVENS Joint Conference 2020, ICWSM 2019, 2020 (International Conference on Web and Social Media), SAC 2018, 2019 (ACM Symposium On Applied Computing), PAL 2019 (Privacy-Enhancing Artificial Intelligence and Language Technologies AAAI Spring Symposium), NoDaLiDa'19 (Nordic Conference on Computational Linguistics), CLiC-it 2016, 2017, 2018, 2019, 2020 (Italian Conference on Computational

Linguistics), LREC 2016, 2018, 2020 (Language Resources and Evaluation Conference), AnSWeR 2017, 2018 (International Workshop on Application of Semantic Web technologies in Robotics), Emotions@AISB 2018 (Symposium on Emotion Modeling and Detection in Social

Media and Online Interaction), ICRA 2017 (IEEE International Conference on Robotics and Automation), MIREL 2016 (International Workshop on Mining and Reasoning with Legal Text), PEOPLES 2016 (Computational Modeling of People's Opinions, Personality and Emotions in Social Media), EKAW 2016 (International Conference on Knowledge Engineering and Knowledge Management), WebNLG 2015, 2016 (International Workshop on Natural Language Generation and the Semantic Web), AIC 2016 (International Workshop on Artificial Intelligence and Cognition), DSAA 2015, 2016 (Special Session on Emotion and Sentiment in Intelligent Systems and Big Social Data Analysis), SSA 2014 (Workshop on Semantic Sentiment Analysis)

Mentor for the Student Research Workshops at ACL 2019, 2020, 2021 (Annual Meeting of the Association for Computational Linguistics), NAACL-HLT 2019, 2021 (Conference of the North American Chapter of the Association for Computational Linguistics - Human Language Technologies), AACL 2020 (Conference of the Asia-Pacific Chapter of the Association for Computational Linguistics), EACL 2021 (European Chapter of the Association for Computational Linguistics).

Reviewer for international journals: Artificial Intelligence (Elsevier), ACM Transactions on Social Computing (Association for Computing Machinery), International Journal on Artificial Intelligence Tools (World Scientific), Journal of Experimental & Theoretical Artificial Intelligence (Taylor & Francis Online), Intelligent Service Robotics (Springer), Data & Knowledge Engineering (Elsevier), Information & Processing Management (Elsevier), Computers in Industry (Elsevier), Computer Speech & Language (Elsevier), Language and Cognition (Cambridge University Press), Interacting with Computers (Oxford Academic)