

CURRICULUM VITAE

• PERSONAL INFORMATION

First name, Family name: Raffaella Bernardi

Researcher unique identifier: 0000-0002-3423-1208 ORCID

Date of birth: 09.08.1971

Nationality: Italian

H-index and Citations: 23 and 3755 (Google Scholar), 13 and 1567 (Scopus);

URL for web site: <http://disi.unitn.it/~bernardi/>

• EDUCATION

2002 PhD degree: UiL-OTS, Utrecht University (UU), The Netherlands. Michael Moortgat

1995 MA in Philosophy: Faculty of Arts, Università 'G. d'Annunzio', Chieti, Italy.

• CURRENT POSITION

2020 – Associate Professor CIMEC (Center for Mind/Brain Science) and DISI (Department of Information Engineering and Computer Science), University of Trento (UNITN), Italy

• PREVIOUS POSITIONS

December 2010 – November 2020 Tenured Assistant Professor (ricercatore universitario a tempo indeterminato), at CIMEC and DISI, UNITN, Italy.

2003-2010 Assistant Professor at the Faculty of Computer Science, Free University of Bozen-Bolzano (FUB), Italy

2002-2003 Research Assistant at the Faculty of Computer Science, FUB, Italy

2002 Research Assistant for the European Project: Network of Excellence in Computational Logic (CoLogNet), Area: 'Logic and Natural Language Processing', UU, The Netherlands

• FELLOWSHIPS AND AWARDS

1997-2005 Fellowships.

Short Term Scholar at Department of Linguistics, New York University. Sponsored by the International Visiting Program (2005); PhD scholarship supported by UiLOTS (2019-2002); 2-year Italian scholarship to study abroad (1997-1998);

2011-2023 Grants.

PI Amazon Donation (80K EURO), PI SAP SE Donation in 2018 (20K EURO), 6 months project financed by SAP SE (DE-2018-019) (53K EURO); PI of the WP4 "Topic Computation" international research project Galateas (Generalized Analysis of Logs for Automatic Translation and Episodic Analysis of Searches), CIP-ICT-PSP-2009-3 250430 (2011-2013); senior researcher of the ERC project COMPOSES (Compositional Operations in Semantic Space), project nr. 283554, call ERC 2011 Starting Independent Research Grant (2011-2016); PI of CACAO (Cross-language

access to catalogues and on-line libraries), CP 2006 DILI 510035 CACAO Program: eContentplus (2007-2010).

- **SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS**

- UNITN: 22 Master Students, 1 Research Assistant, 6 PhD students, 1 Post-Doc; FUB: 4 Master Students, 4 Research Assistants, 2 PhD students; External co-supervisor of 2 Master Students (University of Pisa, Italy and University of Amsterdam, The Netherlands);
- 2019-2020 International external examiner for 4 PhD students: Tilburg University, Malta University, Goethenberg University, University of Sheffield.
- 2014-2020 Member of the Awarding Committees: "Beth PhD Dissertation" prize 2014, 2015; AILC MSc Dissertation: 2019 and 2020; AILC Best Paper Evaluation Committee 2019; CPHC/BCS Distinguished Dissertation competition reviewer. Member of the EMNLP 2021 Best Paper Award committee. Mentor for the Pre-submission Mentorship at ACL SRW 2022

- **TEACHING ACTIVITIES**

2012-present Lecturer of Computational Linguistics, Grounded Language Processing, Logical Structure in Natural Language, Logic, Digital Libraries and Language Technologies within Degrees on Philosophy, Cognitive Science, and Computer Science, at MSC and BSc level;

2004- 2007 Within International Schools: "European Summer School in Logic, Language and Information" co-lecturer of "Symmetric Categorical Grammar" (with taught Michael Moortgat, Utrecht University. ESSLLI 2007, Dublin) and "Display Logic meets Categorical Type Logic" (taught with Rajeev Goré, Australia University, Nancy 2004); at the Logic Summer School, The Australia National University, Canberra, December 2005. Lecturer of the course "Visually Grounded Communication" within the Training School on Representation Mediated Multimodality organized within the Multi3Generation COST Action (2022)

- **ORGANISATION OF SCIENTIFIC EVENTS**

2018-present Roles within the most recent top international conferences: Senior Chair ACL 2019; Area Chair of top international conferences: ACL'20, EMNLP'20, CoNLL'20, EACL'20; Publicity co-chair of EMNLP 2021. Senior Chari of COLING-LREC 2024;

2020-2021 member of the ACL Sponsorship Committee as representative of Europe

2001-2020 Roles within the European Summer School in Logic, Language and Information (ESSLLI) Student Session co-chair – area "Logic and Language", 2001 Helsinki; co-chair – area "Logic and Language" 2010 Copenhagen; local PC co-chair 2016 Bolzano, PC chair 2020 Utrecht;

2016-2023 Role within the Italian Conference of Computational Linguistics, AC 2016 and 2020, PC chair 2019, member of the Scientific Committee of the Lectures 2023 in Computational Linguistics of the Italian Association of Computational Linguistics (AILC)

- **INSTITUTIONAL RESPONSIBILITIES**

- 2022-present Delegate of the Teaching activities at CIMEC, UNITN
- 2021-present Delegate of Innovative teaching at CIMEC, UNITN
- 2022-present member of CIMEC Management Board (Giunta), UNITN
- 2021-2022 member of CIMEC Management Board (Giunta), UNITN

- 2016-2018 member of International Management Boards: European Network on Integrating Vision and Language (iV&L Net) ICT COST Action IC1307 (2016-2018); “European Association in Logic, Language and Information” (FoLLI): Formal Grammar association (2018-2021), SIGSEM (2017-2021).
- 2021-present Member of various evaluation committees for Assistant and Associate Professors in Italy and abroad.
- 2007-2022 Coordinator at the local level of the Erasmus Mundus European Program in Language and Communication, both at the FUB and at the UNITN.
- 2015-2022 coordinator of the Language and Multimodal Interaction track of the Cognitive Science MSc, UNITN. CIMeC delegate for the Neurocognitive Architecture track of the AIS MSc program (2020-2022).
- 2004-present Member of Doctoral Schools: Faculty of Computer Science (FUB) (2004-2008); Information and Communication Technologies (2011-2014 and since 2014 as external member); Cognitive and Brain Science (UNITN) since 2015.

- **REVIEWING ACTIVITIES**

- 2020-present Associate Editor of the Journal of Logic, Language and Information (2022-). Guest Associate Editor in Machine Learning and Artificial Intelligence, Guest Associate Editor Frontiers in Machine Learning and AI. Research Topic: Identifying, Analysing, and Overcoming Challenges in Vision and Language Research (2020-2021).
- Journals: TACL (Transactions of the Association for Computational Linguistics), Computational Linguistics; Linguistics and Philosophy, JoLLI (Journal of Logic, Language and Information); Logic Journal of the IGPL; Research on Language and Computation, LILT (Linguistic Issues in Language Technology); Studia Logica, Guest editor of JNLE. Frontiers in AI. TPAMI (Transactions on Pattern Analysis and Machine Intelligence)
- Top international conferences: Member of the PC of various international events: ACL, EACL, EMNLP, NAACL, CoNLL.
- SemEval, Workshops on VL (Vision and Language); SpLU (Spatial Language Understanding), IWCS (International Conference on Computational Semantics), *SEM (Joint Conference on Lexical and Computational Semantics) etc. etc.
- Projects: BSF (United States-Israel Binational Science Foundation); ESF (European Science Foundation, NWO, ERC, etc.

- **MAJOR COLLABORATIONS**

I have numerous ongoing collaborations at international level. For instance, I work with R. Fernández and S. Pezzelle (University of Amsterdam), G. Boleda and M. Baroni (Universitat Pompeu Fabra), B. Plank (LMU Munich), L. Benotti (Ciudad Universitaria), A. Gatt (University of Utrecht), Oliver Lemon and Alessandro Suglia (Heriot-Watt University), David Schlangen (University of Potsdam), and Thu Diu Le (Amazon Alexa), most of the current work is on vision and language and specifically on visually grounded conversational models. I am member of the ELLIS UNITN unit.

- **CAREER BREAKS**

Maternity leave: 08.01.2013-07.06.2013.

PUBLICATIONS:

Author of 102 papers: 72 papers in international conferences, 16 papers in international journals, 7 chapters in books, 1 book and editor of 6 books/journal issues.

