

vito pirrelli

CURRICULUM VITAE

RESEARCH INTERESTS

machine language learning, psycho-computational models of the mental lexicon, psycho-computational models of word acquisition and processing, disorders of verbal communication and language acquisition, models of memory and serial cognition, information extraction, theoretical morphology, phonology-morphology interface, morphology-syntax interface, lexical semantics, corpus linguistics, language teaching, artificial intelligence.

EDUCATION

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|------|---|
| 1993 | PhD in Computational Linguistics, Department of Modern Languages Salford University (UK),
“Morphology, Analogy and Machine Translation”
(supervisor Prof. Jacques Durand) |
| 1986 | Laurea Degree in the Humanities. University of Pisa: 110/110 cum laude |

CURRENT POSITION

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| 2003-TODAY | Research Manager (“Dirigente di Ricerca”, CNR level I), Institute for Computational Linguistics “A. Zampolli” CNR Pisa |
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PAST POSITIONS

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| 2013 | pro-tem Director of the Institute for Computational Linguistics “A. Zampolli” CNR Pisa |
| 2001-2002 | Senior Research Fellow (CNR level II), Institute for Computational Linguistics “A. Zampolli” CNR Pisa |
| 1994-2000 | Research Fellow (CNR level III), Institute for Computational Linguistics “A. Zampolli” CNR Pisa |
| 1989-1990 | Research Assistant, Department of Modern Languages, Salford University (UK) |

VISITING

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| 2008 | Visiting Research Fellow, Department of Cognitive Sciences, Johns Hopkins University, Baltimore (US) |
| 1998 | Visiting Research Fellow, École Nationale Supérieure des Télécommunications, Paris, (France) |

MAIN GRANTS (AWARDED AS PRINCIPAL INVESTIGATOR)

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| 2019-2022 | PRIN 2017: “ReadLet: Reading to understand. An ICT-driven, large-scale investigation of early grade children's reading strategies” |
| 2011-2015 | European Science Foundation Research Networking Programme 2011-2015: “NetWordS: the European Network on Word Structure”: |

2011-2013 FIRB: "PAISA": Piattaforma per l'Apprendimento dell'Italiano Su corpora Annotati"

PUBLISHING

BOOKS & EDITED VOLUMES 2 books
7 edited volumes
7 special issues in international journals (full list in Appendix)

PAPERS 42 journal articles
22 book chapters
76 contributions in conference proceedings

BIBLIOMETRICS Citations 1777
H Index 21
i10-index 65
(source *Google Scholar*)

EDITORIAL ACTIVITIES

Editor in chief
2012-TODAY *Lingue e Linguaggio* (with Sergio Scalise)

Associate Editor
2018- TODAY *International Journal of Computer Science and Technology*
2017- TODAY *Journal of King Saud University - Computer and Information Sciences*
2015- TODAY *Italian Journal of Linguistics/Rivista di Linguistica*
2015- TODAY *Italian Journal of Computational Linguistics*
2014- TODAY *The Mental Lexicon*
2009- TODAY *Computing Reviews*
2009-2011 *Lingue e Linguaggio*
2000-2003 *Linguistica Computazionale*

Guest Editor
2017 *Journal of King Saud University - Computer and Information Sciences*
2016 *Italian Journal of Linguistics*
2016 *Lingue e Linguaggio*
2014 *Suvremena Lingvistica*
2012 *Lingue e Linguaggio*
2010 *Lingue e Linguaggio*
2007 *Lingue e Linguaggio*

Book Series Associate Editor
2003- TODAY *Materiali Linguistici* (Franco Angeli)
2003- TODAY *Linguistica e Glottodidattica Sperimentale* (Pavia University Press)

Reviewing
2015 "Featured Reviewer" for **Computing Reviews**

reviewer for over 20 International Journals, including *Bilingualism: Language and Cognition*, *Computer Speech and Language*, *Journal of Cultural Cognitive Science*, *Journal of Language, Logic and Information*, *Language Resources and Evaluation*, *The Mental Lexicon*, *Neural Networks*, *Frontiers in Human Neuroscience*, *Italian Journal of Linguistics*, *ACM Journal on Computing and Cultural Heritage*, *Morphology*, *Lingue e Linguaggio*, *Computing Reviews*, *Journal of King Saud University - Computer and Information Sciences*, *Italian Journal of Computational Linguistics*.

SCIENTIFIC BOARDS & COMMITTEES

Conference Chair

2015 *NetWords 2015* (Scuola Normale Superiore Pisa, 30/03-1/04/2015)

Conference Area Chair

2018 Machine Learning & Natural Language Processing (IEEE-CIST'18)
 2017 4th Italian Conference on Computational Linguistics (CLiC-it 2017)
 2016 3rd Italian Conference on Computational Linguistics (CLiC-it 2016)
 2015 1st Italian Conference on Computational Linguistics (CLiC-it 2014)

Chair of Summer Schools

2014 2nd European Science Foundation *NetWords Summer School*, Trondheim
 2011 1st European Science Foundation *NetWords Summer School*, Dubrovnik

Workshop Chair

13 international workshops (full list in appendix)

Boards of Academic Institutions

2009- TODAY Institute for Computational Linguistics "A. Zampolli", CNR Pisa
 2008- TODAY Centre for Advanced education and research "*Lingue d'Europa: Tipologia, Storia e Sociolinguistica*" LETISS, *Istituto Universitario di Studi Superiori* (IUSS) of Pavia
 2004-2013 PhD school in Linguistics, University of Pavia

Scientific Boards of International Conferences and Workshops

20 International Conferences and more than 40 International Workshops

Academic Societies

2014-TODAY Associazione Italiana di Linguistica Computazionale
 2005-TODAY Società Italiana di Glottologia

TEACHING

PhD level

2009, 2011-2013 Computational Linguistics, University of Pavia
 2011, 2014 Computational Linguistics, Roma TRE

2008, 2010 Applied Linguistics, University Federico II di Napoli
 2008 Morphological Theory, University of Patras (Greece)
 2008 Morphological Theory, University of Siena
 2007 Morphological Theory, University of Padova
 2006 Computational Linguistics, University of Salerno
 2004 Applied Linguistics, University of Bari

Master level

2018-TODAY Computational Psycholinguistics, Computing Humanities, University of Pisa
 2006-2007 Lexical Semantics, Department of Modern Languages, University of Bologna, Italy

Undergraduate level

2002-2009 Computing Humanities, Department of Theoretical and Applied Linguistics, University of Pavia, Italy
 1989-1991 General Linguistics, Department of Modern Languages, Salford University (UK)

RESEARCH SUPERVISION

2014-2018 Ouafae Nahli (PhD, La Sapienza Roma)
 2016-2017 Stavros Bompolas (MA in Linguistics, University of Patras)
 2011-2015 Eleonora Sausa (PhD, Università di Pavia)
 2011-2014 Claudia Marzi (PhD, Università di Pavia)
 2007-2010 Francesca Frontini (PhD, Università di Pavia)
 2006-2009 Maddalena Menchi (PhD, Università di Pavia)
 2005-2008 Fabiana Rosi (PhD, Università di Pavia)
 2005-2008 Basilio Calderone (PhD, Scuola Normale Superiore, Pisa)
 2005-2007 Ivan Herreros (DEA, Universitat Pompeu Fabra, Barcelona)

RESEARCH MANAGEMENT

Research roles

2012-TODAY Head of the *Communication Physiology Laboratory* (Comphys Lab) at the Institute for Computational Linguistics, CNR, Pisa
 2016-2018 Head of the research activity DUS.AD016.006 “*A Neuro-computational platform for simulation of serial processing*”, Department of Humanities and Social Sciences of the National Research Council
 2011-2015 Head of the research activity IC.P02.004 “*Bio-computational models of language and cognition*”, Department of Humanities and Social Sciences of the National Research Council
 2013-2015 Head of the research activity IC.P02.013 “*Language Technologies for Cultural Heritage*”, Department of Humanities and Social Sciences of the National Research Council
 2009-2012 Head of the *Dynamics of Language Lab* (DyLan Lab), at the Institute for

Computational Linguistics, CNR, Pisa

Ongoing Bilateral Scientific Cooperation

2018-TODAY	Scuola Internazionale di Studi Avanzati (SISSA), Trieste
2016-TODAY	Sidi Mohamed Ben Abdellah University, Fez, Morocco
2016-TODAY	al-Qarawiyyin University, Fez, Morocco
2016-TODAY	Social Sciences and Humanities Research Council of Canada (in connection with the <i>Words in the World</i> project)
2015-TODAY	University of Patras, Department of Philology, Greece
2014-TODAY	Austrian Academy of Sciences (Wien, Austria)
2014-TODAY	University of Alberta - Department of Psychology (Canada)
2013-TODAY	Neurocare (non-profit Italian association in the sector of mental health)
2012-TODAY	Institute of Clinical Physiology, CNR, Pisa
2002-TODAY	University of Pavia, Humanities Department

RESEARCH ASSESSMENT

2017	Project reviewer for University of Udine
2016	Project reviewer for Autonomous Province of Bozen
2015	Jury Committee for “Habilitation à diriger des Recherches”, Toulouse, France (Dr. Hélène Giraudou)
2014	Grant Reviewer for University of Pavia
2013	Distinguished Professor Grants, Swedish Research Council
2012-TODAY	National Agency for University and Research Assessment (ANVUR)
2013	Jury Committee for Associate Professorship, University of Trondheim, Norway
2010-TODAY	Jury Committee for CNR research fellows (levels II-III)
2009	Jury Committee for “Habilitation à diriger des Recherches”, Toulouse, France (Dr. Nabil Hathout)
2004-2014	European Science Foundation

OTHER PROFESSIONAL ACTIVITIES

2018-TODAY	Adjunct Professor (Professore a contratto), University of Pisa
2002-2009	Adjunct Professor (Professore a contratto), University of Pavia
2006-2007	Adjunct Professor (Professore a contratto), University of Bologna
2003-TODAY	Scientific consultant for Formez PA
1998-TODAY	Scientific consultant for Lexicon Branding Inc., California (USA)
1990-1993	Scientific consultant for “Consorzio Pisa Ricerche”
1989-1990	Scientific consultant for University of Pisa
