

# Davide Crepaldi

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## Current position

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**Associate Professor**

**From Jul 2015**

*International School for Advanced Studies (SISSA), Trieste, Italy*

## Previous academic posts

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**Teaching Fellow**

**Jan 2015–Jun 2015**

*International School for Advanced Studies (SISSA), Trieste, Italy*

Teaching and PhD student mentoring on reading, language and statistical learning

**Research Scientist**

**Dec 2010–Nov 2014**

*Department of Psychology, University of Milano Bicocca, Italy*

PI on a 4-year grant awarded by the Italian Ministry of Education, University and Research. Main theme of research was reading and linguistic morphology. I led a team of two postdocs and a few junior researchers.

**Post-doctoral fellow**

**Jan 2008–Nov 2010**

*Department of Psychology, University of Milano Bicocca, Italy*

On 4-year, intra-mural funding under the supervision of Claudio Luzzatti. Main theme of research was linguistic morphology and grammatical class.

**Post-doctoral fellow**

**Apr 2008–Mar 2009**

*Department of Psychology, Royal Holloway University of London, UK*

On an ESRC post-doctoral fellowship under the supervision of Kathy Rastle. Main theme of research was reading and linguistic morphology.

## Education

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**PhD in Psychology, Linguistics and Cognitive Neurosciences**

**Nov 2003–Jan 2008**

*University of Milano Bicocca, Italy*

Thesis titled “Nouns and verbs in the brain: Neuropsychological, psycholinguistic and neuroimaging evidence”, freely available [here](#).

**MS in Experimental Psychology**

**Oct 1998–Sep 2003**

*University of Milano Bicocca, Italy*

Thesis titled “Rappresentazione mentale di nomi e verbi: uno studio neuropsicologico su pazienti afasici” (“*The mental representation of nouns and verbs: a neuropsychological study on aphasic patients*”), freely available [here](#).

## Publications

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Y. Vidal, E. Viviani, D. Zoccolan, and **D. Crepaldi**. A general-purpose mechanism of visual feature association in visual word identification and beyond. *Current Biology*, 31:1–7, 2021.

J. Lelonkiewicz, M. Ktori, and **D. Crepaldi**. Morphemes as letter chunks: Discovering affixes through visual regularities. *Journal of Memory and Language*, 2020.

- C. Papagno, A. Casarotti, B. Zarino, and **D. Crepaldi**. A new test of action verb naming: Normative data from 290 Italian adults. *Neurological Sciences*, 41:2811–2817, 2020.
- S. Amenta, **D. Crepaldi**, and M. Marelli. Consistency measures individuate dissociating semantic modulations in priming paradigms: A new look on semantics in the processing of (complex) words. *Quarterly Journal of Experimental Psychology*, 73:1546–1563, 2020.
- P. Mousikou, E. Beyersmann, M. Ktori, L. Javourey, **D. Crepaldi**, J. Ziegler, J. Grainger, and S. Schröder. Orthographic consistency influences morphological processing in reading aloud: Evidence from a cross-linguistic study. *Developmental Science*, 2020.
- B. Zarino, A. Di Cristofori, G. Abete Fornara, G.A. Bertani, M. Locatelli, M. Caroli, P. Rampini, F. Cogiamanian, **D. Crepaldi**, and G. Carrabba. Long term follow-up of neuropsychological functions in patients with high grade gliomas: can cognitive status predict patient's outcome after surgery? *Acta Neurochirurgica*, 162:803–812, 2020.
- J. Hasenäcker, O. Solaja, and **D. Crepaldi**. Food in the corner and money in the cashews: Semantic activation of embedded stems in the presence or absence of a morphological structure. *Psychonomic Bulletin and Review*, 27:155–161, 2020.
- P. Morucci, R. Bottini, and **D. Crepaldi**. Augmented modality exclusivity norms for concrete and abstract Italian property words. *Journal of Cognition*, 2:42, 2019.
- R. Dessì, D. Bouchacourt, **D. Crepaldi**, and M. Baroni. Focus on what's informative and ignore what's not: Communication strategies in a referential game. *NeurIPS Workshop on Emergent Communication*, 2019.
- D. Crepaldi**, S. Amenta, and M. Marelli. For a probabilistic and multidisciplinary approach to the investigation of morphological processing. *Cortex*, 116:1–3, 2019.
- A. Nadalini, M. Marelli, R. Bottini, and **D. Crepaldi**. Local associations and semantic ties in overt and masked semantic priming. *CEUR Workshop Proceedings*, 2253, 2018.
- D. Crepaldi**. Open science, fair science. *Giornale Italiano di Psicologia*, 4:747–764, 2018.
- E. Borelli, **D. Crepaldi**, C.A. Porro, and C. Cacciari. The psycholinguistic and affective structure of words conveying pain. *PLoS ONE*, 13:1–29, 2018.
- J.A. Duñabeitia, **D. Crepaldi**, A.S. Meyer, B. New, C. Pliatsikas, E. Smolka, and M. Brysbaert. Multipic: A standardized set of 750 drawings with norms for six European languages. *Quarterly Journal of Experimental Psychology*, 71:808–816, 2018.
- R. Bottini, M. Bucur, and **D. Crepaldi**. The nature of semantic priming by subliminal spatial words. Embodied or disembodied? *Journal of Experimental Psychology: General*, 145:1160–1176, 2016.
- R. Bottini, D. Casasanto, A. Nadalini, and **D. Crepaldi**. Stepping out of the Chinese room: Word meaning with and without consciousness. *CEUR Workshop Proceedings*, 1749, 2016.
- S. Amenta and **D. Crepaldi**. The variable mind? how apparently inconsistent effects might inform model building. *Frontiers in Psychology*, 7(185), 2016.

**D. Crepaldi**, L. Hemsforth, C.J. Davis, and K. Rastle. Masked suffix priming and morpheme positional constraints. *Quarterly Journal of Experimental Psychology*, 69:113–128, 2016.

R. Bottini, **D. Crepaldi**, D. Casasanto, V. Crollen, and O. Collignon. Space and time in the sighted and blind. *Cognition*, 141:67–72, 2015.

K. Rastle, A. Lavric, H. Elchlepp, and **D. Crepaldi**. Processing differences across regular and irregular inflections revealed through erps. *Journal of Experimental Psychology: Human Perception and Performance*, 41:747–760, 2015.

S. Amenta, M. Marelli, and **D. Crepaldi**. The fruitless effort of growing a fruitless tree: Early morpho–orthographic and morpho–semantic effects in sentence reading. *Journal of Experimental Psychology: Learning, Memory and Cognition*, 41:1587–1596, 2015.

M. Marelli, S. Amenta, and **D. Crepaldi**. Semantic transparency in free stems: the effect of Orthography–Semantics Consistency in word recognition. *Quarterly Journal of Experimental Psychology*, 68(1571–1583), 2015.

**D. Crepaldi**, A. Casarotti, B. Zarino, and C. Papagno. How to become twice more precise in detecting neuropsychological impairments. *Frontiers in Psychology*, 65, 2014.

**D. Crepaldi**, E. A. Morone, L. S. Arduino, and C. Luzzatti. Morphological processing of printed nouns and verbs: cross class priming effects. *Journal of Cognitive Psychology*, 26(4):433–460, 2014.

**D. Crepaldi**, M. Berlingeri, I. Cattinelli, N.D. Borghese, C. Luzzatti, and E. Paulesu. Clustering the lexicon in the brain: A meta-analysis of the neurofunctional evidence on noun and verb processing. *Frontiers in Human Neuroscience*, 7(303), 2013.

**D. Crepaldi** and S. Amenta. Cognitive theory development as we know it: Specificity, explanatory power and the brain. *Frontiers in Language Science*, 4(56), 2013.

M. Marelli, S. Amenta, E.A. Morone, and **D. Crepaldi**. Meaning is in the beholder’s eye: Morpho–semantic effects in masked priming. *Psychonomic Bulletin and Review*, 20:534–541, 2013.

**D. Crepaldi**, K. Rastle, C.J. Davis, and S.J. Lupker. Seeing stems everywhere: Position-independent identification of stem morphemes. *Journal of Experimental Psychology: Human Perception and Performance*, 39:510–525, 2013.

S. Amenta and **D. Crepaldi**. Morphological processing as we know it: An analytical review of morphological effects in visual word identification. *Frontiers in Language Science*, 3(232), 2012.

**D. Crepaldi**, W.-C. Che, I.-F. Su, and C. Luzzatti. Lexical–semantic variables affecting picture and word naming in Chinese: A mixed logit model study in aphasia. *Behavioral Neurology*, 25:165–184, 2012.

**D. Crepaldi**, C. Ingignoli, R. Verga, A. Contardi, C. Semenza, and C. Luzzatti. On nouns, verbs, lexemes, and lemmas: Evidence from the spontaneous speech of seven aphasic patients. *Aphasiology*, 25:71–92, 2011.

**D. Crepaldi**, M. Berlingeri, E. Paulesu, and C. Luzzatti. A place for nouns and a place for verbs? A critical review of neurocognitive data on grammatical class effects. *Brain and Language*, 116:33–49, 2011.

**D. Crepaldi**, K. Rastle, M. Coltheart, and L. Nickels. ‘Fell’ primes ‘fall’, but does ‘bell’ primes ‘ball’? Masked priming with irregularly-inflected primes. *Journal of Memory and Language*, 63(1):83–99, 2010.

**D. Crepaldi**, K. Rastle, and C.J. Davis. Morphemes in their place: Evidence for position-specific identification of suffixes. *Memory and Cognition*, 38(3):312–321, 2010.

M. Marelli, **D. Crepaldi**, and C. Luzzatti. Head position and the mental representation of Italian nominal compounds. *The Mental Lexicon*, 4:430–455, 2009.

M. Berlingeri, **D. Crepaldi**, R. Roberti, G. Scialfa, C. Luzzatti, and E. Paulesu. Nouns and verbs in the brain: Grammatical class and task specific effects as revealed by fMRI. *Cognitive Neuropsychology*, 25:528–558, 2008.

S. Aggujaro, **D. Crepaldi**, C. Pistarini, M. Taricco, and C. Luzzatti. Neuro-anatomical correlates of impaired retrieval of verbs and nouns: Interaction of grammatical class, imageability and actionality. *Journal of Neurolinguistics*, 19:175–194, 2006.

**D. Crepaldi**, S. Aggujaro, L.S. Arduino, G. Zonca, G. Ghirardi, M. Inzaghi, M. Colombo, G. Chierchia, and C. Luzzatti. Noun-verb dissociation in Aphasia: The role of imageability and functional locus of the lesion. *Neuropsychologia*, 44(1):73–89, 2006.

C. Luzzatti, S. Aggujaro, and **D. Crepaldi**. Noun-verb double dissociation in Aphasia: Theoretical and neuroanatomical foundations. *Cortex*, 42:875–883, 2006.

S. Aggujaro, **D. Crepaldi**, E. Ripamonti, and C. Luzzatti. Lexical and semantic access in letter-by-letter dyslexia: A case report. *Brain and Language*, 95:225–226, 2005.

**Crepaldi, D.** *Neuropsicologia della lettura*. Roma: Carocci, 2020.

G. Denes, **D. Crepaldi**, and M. Zorzi. Dislessie e disgrafie acquisite. In G. Denes and L. Pizzamiglio, editors, *Manuale di Neuropsicologia: Normalità e patologia dei processi cognitivi*. Bologna: Zanichelli, 2019.

J. Welkowitz, B.H. Cohen, and R.B Ewen. *Introductory Statistics for the Behavioral Sciences*. Hoboken, NJ: John Wiley and Sons, 6th edition, 2006. [Italian translation by **Crepaldi, D.** (Eds. Crippa, F. and Rossi, G.), *Statistica per le scienze del comportamento*. Milano: Apogeo, 2009.].

## Research

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Funding.....

**PRIN 2017**

**Oct 2019–Sep 2021**

*Italian Ministry of Education, University and Research (€360,000)*

Three-year grant to validate a tool for large-scale assessment of reading development. Co-investigator (PI: Vito Pirrelli, CNR, Pisa).

- FARE** **Dec 2017–Nov 2022**  
*Italian Ministry of Education, University and Research (€240,854)*  
 Five-year grant to extend the scope of my ERC-funded research on reading and statistical learning. Principal Investigator.
- PRIN 2015** **Feb 2017–Jan 2020**  
*Italian Ministry of Education, University and Research (€406,807)*  
 Three-year grant to study the relationship between perception and word meaning in blind people. Principal Investigator.
- ERC Starting Grant** **Sept 2016–Aug 2021**  
*European Research Council (€1,498,000)*  
 Five-year grant to study statistical learning in visual word identification and reading. Principal Investigator.
- Short Visit Grant, NetWords program** **Oct 2012**  
*European Science Foundation (€1,170)*  
 Two-week visit to the University of Gent, Belgium, to work on the development of a new frequency database for Italian.
- FIRB–Futuro in Ricerca** **Dec 2010–Nov 2014**  
*Italian Ministry of Education, University and Research (€472,600)*  
 Four-year grant to set up my own lab on a project titled “Towards a complete model of reading: the visual identification of complex words”. Principal Investigator.
- Small Research Grant** **Mar 2009–Feb 2010**  
*British Academy, UK (£5,375)*  
 One-year research project under the supervision of prof. Kathy Rastle titled “Why WITLESS is not LESSWIT: The representation of morpheme position in visual word recognition”.
- Post-Doctoral Fellowship** **Apr 2008–Mar 2009**  
*Economic and Social Research Council, UK (£76,552)*  
 One-year post-doctoral project under the supervision of prof. Kathy Rastle to work on visual word identification.
- Endeavour Europe Award** **Jan 2006–Jun 2006**  
*Australian Department of Education, Science and Training (\$23,300)*  
 Six-month, pre-doctoral research project under the supervision of prof. Max Coltheart to work on noun and verb morphology.
- Editorial Activity for Learned Journals**.....
- Deputy Editor (with a special focus on Registered Reports:** *British Journal of Psychology*. From January 1, 2021.
- Editorial Board:** *Journal of Cognition*. From January 1, 2019.
- Associate Editor:** *British Journal of Psychology*. July 1, 2017 to December 31, 2020.
- Guest Editor:** *Cortex*. Together with Simona Amenta and Marco Marelli, I’ve edited a Special Issue on the 10th edition of the *International Morphological Processing Conference (MoProc)*, which we organized at SISSA in 2017.
- Guest Editor:** *Frontiers in Language Science*, 2015. Together with Simona Amenta, I edited a Special Issue titled [“The Variable Mind: How Apparently Inconsistent Effects Might Inform Model Building”](#).
- Reviewer:** I’ve reviewed ~135 papers for ~50 international journals on experimental psychology, neuroscience and theoretical linguistics, including *Cognition*, *Journal of Memory and Language*, *JEP:G*, *JEP:LMC*, *Psychonomic Bulletin and Review*, *Neuropsychologia*, *Language*, *Glossa*,

*Neuroimage, Cortex, and Brain and Language.*

**Research Project Evaluation**.....

<b>European Science Foundation, FWO Odysseus scheme</b>	<b>2021</b>
<i>Reviewer</i> Funding up to 5 years and €5,000,000.	
<b>Swiss National Science Foundation, NCCR scheme</b>	<b>2019</b>
<i>Reviewer</i> Funding up to 12 years and CHF 20,000,000, to establish an interdisciplinary research network across institutions.	
<b>European Research Council, Consolidator Grant</b>	<b>2018</b>
<i>Reviewer</i> 5-year research projects, budget up to ~€2,000,000.	
<b>European Research Council, Advanced Grant</b>	<b>2016</b>
<i>Reviewer</i> 5-year research projects, budget up to ~€2,500,000.	
<b>National Science Foundation, US</b>	<b>2016</b>
<i>Reviewer</i> 3-year research projects, budget ~\$400,000.	
<b>Ministry of Education, Singapore, Academic Research Fund</b>	<b>2016</b>
<i>Reviewer</i> 3-year research projects, budget up to ~S\$600,000.	
<b>European Commission, Marie Skłodowska-Curie, Individual Fellowships</b>	<b>2016</b>
<i>Reviewer</i> Up to 3-year research projects, budget up to ~€250,000.	
<b>The Stroke Association, UK</b>	<b>2016</b>
<i>Reviewer</i> 3-year research projects, budget up to £210,000.	
<b>Research Foundation Flanders (FWO), Belgium</b>	<b>2015</b>
<i>Reviewer</i> 4-years research projects, budget up to €250,000.	
<b>Macquarie University Research Fellowship, Australia</b>	<b>2015</b>
<i>Reviewer</i> 3-year research projects, budget ~\$230,000.	
<b>CUNY Collaborative Incentive Research Grant, US</b>	<b>2014</b>
<i>Reviewer</i> 12-months collaborative research, budget up to \$30,000.	
<b>Partnership Programme, National Research Council, Romania</b>	<b>2013</b>
<i>Panelist</i> 30- to 36-month collaborative research and technological development projects, 2 to 5 institutions, budget up to ~€670,000.	
<b>Young Research Team Grants, National Research Council, Romania</b>	<b>2012</b>
<i>Reviewer</i> 12- to 36-month research projects, worth ~ €53,000 to ~€160,000, PI < 10 years after PhD.	
<b>Post-doctoral grants, National Research Council, Romania</b>	<b>2012</b>
<i>Reviewer</i>	

12- to 24-month research projects, worth ~ €35,000 to ~€70,000, PI < 5 years after PhD.

**Master and PhD Committees (as external, invited member).....**

- University of Potsdam, Germany** 2020  
*Laura Ciaccio, PhD student in Cognitive Science*  
Thesis title: Prefixed Words in Morphological Processing and Morphological Impairments.
- Bar-Ilan University, Israel** 2019  
*Maya Yablonski, PhD student in the Brain Research Center*  
Thesis title: Neural Pathways of Morphological Processing.
- University of Milano-Bicocca, Italy** 2018  
*Iliaria Mauri, PhD student in the Department of Psychology*  
Thesis title: The Relationship between Praxis and Language.
- University of Milano-Bicocca, Italy** 2017  
*Donatella Di Tucci, PhD student in the Department of Cognitive Sciences*  
Thesis title: Reading units in Italian children: Evidence from morphological, orthographic and semantic features on word reading process.
- Macquarie University, Australia** 2016  
*Ana Murteira, Master student in the Department of Cognitive Sciences*  
Thesis title: Taking Action in Hand: Effects of Gesture Observation on Action-Verb Naming.
- University of New South Wales, Australia** 2014  
*Joe Xu, PhD student in the Department of Psychology*  
Thesis title: The Effects of Semantic and Syntactic Factors on Complex Word Processing.
- Tufts University, US** 2014  
*Laura Blazej, Master student in the Department of Psychology*  
Thesis title: Processing Position Across Letters and Morphemes.
- International School for Advanced Studies (SISSA), Italy** 2014  
*Ritwik Kulkarni, PhD student in the Cognitive Neuroscience Sector*  
Thesis title: Exploring Language Mechanisms: The Mass-Count Distinction and The Potts Neural Network.

**Talks at Research Departments.....**

- Heriot Watt University, Edinburgh, UK** September 2018  
*Title: The Reading Brain as Statistical Learning Machine*  
Invited by Maria Garraffa and Anna Sedda.
- Center for Mind/Brain Sciences, University of Trento, Italy** July 2018  
*Title: Implementing an open-everything policy in the lab*  
Invited by Carlo Miniussi. A podcast of the talk is available [here](#).
- Cornell University, Ithaca, US** November 2017  
*Title: Reading as Statistical Learning (in spite of language arbitrariness?)*  
Hosted by Daniel Casasanto.
- CNR, Pisa, Italy** October 2017  
*Title: Reading as Statistical Learning (in spite of language arbitrariness?)*  
Invited by Vito Pirrelli.
- Center for Mind/Brain Sciences (CIMEC), Trento, Italy** May 2017  
*Title: The Reading Brain as a Statistical Learning Machine*  
Invited by Raffaella Bernardi.

<b>Scuola Normale Superiore, Pisa, Italy</b> <i>Title: Word Identification as Revealed by Eye Tracking</i> Invited by Piermarco Bertinetto.	<b>Apr 2016</b>
<b>Department of Psychology, Université Libre de Bruxelles, Belgium</b> <i>Title: Word Identification in the Visual and Auditory Domains</i> Invited by Fabienne Chetail and Alain Content.	<b>Jan 2015</b>
<b>Department of Psychology, University of Chicago, US</b> <i>Title: Word Structure and Word Identification</i> Hosted by Daniel Casasanto.	<b>Nov 2014</b>
<b>Department of Psychology, Università di Milano Bicocca, Italy</b> <i>Title: On Word Frequencies in General and Subtitle-Based Frequencies for Italian</i> Contributed. A joint effort with Emmanuel Keuleers (University of Gent, Belgium).	<b>Jan 2014</b>
<b>Department of Psychology, Université de Montreal, Canada</b> <i>Title: Nouns and verbs in the Brain: Task Effects and Neural Substrate</i> Hosted by Phaedra Royle.	<b>Nov 2013</b>
<b>CRBLM, McGill University, Canada</b> <i>Title: A Tale of Two Morphologies: A Lemma Model of Complex Word Identification</i> Hosted by Karsten Steinhauer and Kristina Kasparian.	<b>Nov 2013</b>
<b>Department of Psychology, Universiteit Gent, Belgium</b> <i>Title: Get it in a Bit! Early Steps in the Visual Identification of Complex Words</i> Hosted by Emmanuel Keuleers and Marc Brysbaert.	<b>Oct 2012</b>
<b>Department of Psychology, Università di Milano Bicocca, Italy</b> <i>Title: Meaningless Morphemes and the Importance to Stay in the Right Place</i> Contributed.	<b>Jul 2009</b>
<b>Department of Psychology, Royal Holloway University of London, UK</b> <i>Title: Morpheme Identity and Morpheme Position</i> Hosted by Courtenay Norbury.	<b>Mar 2009</b>
<b>Department of Psychology, Royal Holloway University of London, UK</b> <i>Title: Nouns and Verbs in the Lexicon</i> Hosted by Kathy Rastle.	<b>May 2008</b>
<b>National Research Council, Rome, Italy</b> <i>Title: Semantic and Morphological Priming between Nouns and Verbs</i> Hosted by Saskia Arduino.	<b>May 2007</b>
<b>MACCS, Macquarie University, Australia</b> <i>Title: Modeling the Recognition of Morphologically Complex Written Words</i> Hosted by Max Coltheart and Lyndsey Nickels.	<b>May 2006</b>
<b>Invited Talks at International Congresses.....</b>	
<b>The Science of Aphasia</b> <i>Venezia, Italy</i> Title: The Reading Brain as a Statistical Learning Machine	<b>Sept 2016</b>
<b>European Workshop on Cognitive Neuropsychology</b> <i>Bressanone, Italy</i> Title: The Lemma in the Reading System	<b>Jan 2013</b>



## Contributed Talks/Posters at International Congresses.....

Since 2004, I've presented ~180 talks/posters at international congresses as either **presenting** or **senior author**. Representative congresses of my dissemination activity are the *European Workshop on Cognitive Neuropsychology*, the *Morphological processing conference (MoProc)*, the annual meeting of the *Psychonomic Society*, the *Architecture and Mechanisms for Language Processing (AMLaP)*, the *Science of Aphasia, Evolang*, and the annual meeting of the *Academy of Aphasia*.

## Visiting periods.....

**Department of Psychology, University of Gent, Belgium** **Oct 2012**

*Visiting fellow, funded by the NetWords program by the European Science Foundation*

I've been working with Emmanuel Keuleers, Paweł Mandera and Marc Brysbaert towards new frequency values for Italian based on movie subtitles.

**MACCS, Macquarie University, Sydney, Australia** **Sep 2005–May 2006**

*Visiting research student, funded by the Australian Government*

I've been working on a computational model of reading for morphologically complex words, under the supervision of Max Coltheart and Lyndsey Nickels.

## Organization of scientific events.....

**Giornata di Linguistica Sperimentale e Computazionale** **February 2019**

*University of Trento, Italy*

This was the consolidation of the 2018 event (see next entry), which we initially conceived as a one-off, but then decided to continue based on the audience's interest. We had ~80 attendants. Co-organized with Francesca Franzon, Chiara Zanini, Francesco Vespignani, Aurelie Herbelot and Gildo Bidese.

**Giornata di Linguistica Sperimentale e Computazionale** **February 2018**

*University of Padova, Italy*

This was a one-off event where we tried to gather the Italian research community working on language with an experimental approach. We had ~50 attendants. The event generated the birth of a cross-discipline informal society, which is now gathering roughly every other year. Co-organized with Francesca Franzon, Chiara Zanini and Francesca Peressotti.

**International Morphological Processing conference (MoProc)** **June 2017**

*SISSA, Trieste, Italy*

This was the 10th edition of an established international conference in the field of linguistic morphology, which typically attracts ~100 attendants. Co-organized with Simona Amenta and Marco Marelli.

**Trieste Encounters in Cognitive Science (TEX)** **July 2016**

*SISSA, Trieste, Italy*

This was the first edition of a new initiative, to be then held yearly at SISSA. It was a summer school with 30 students and around 15 invited teachers, plus a research symposium with ~50 attendants. Co-organized with Ale Treves.

**MiLanguage** **May 2015**

*University of Milano–Bicocca, Italy*

This was a one-off, three-day research symposium with ~100 attendants. Co-organized with Francesca Foppolo, Teresa Guasti e Claudio Luzzatti.

**What's special about space?** **June 2014**

*University of Milano–Bicocca, Italy*

This was a one-off, one-day research symposium with ~40 attendants. Co-organized with Roberto Bottini, Luisa Girelli e Luca Rinaldi.

## Dissemination to the lay audience.....

**La Stampa** Jan 2021

*Newspaper distributed nationally, Italy*

I was interviewed by Simona Regina on my book [Neuropsicologia della lettura](#).

**Il Venerdì di Repubblica** Dec 2020

*Newspaper distributed nationally, Italy*

I was interviewed by Giulia Villoresi on my book [Neuropsicologia della lettura](#).

**La Repubblica** Oct 2018

*Newspaper distributed nationally, Italy*

I was interviewed by Tina Simoniello on our [Brains at Work](#) program.

**Memex Galileo, RAI** Oct 2018

*Italian state TV*

I was interviewed on my research on reading and statistical learning, and on my work on word meaning and blindness.

**International Training for Professionals** April 2018

*Festivaletteratura, Mantova, Italy*

This was a training event for professionals interested in reading organized by [Festivaletteratura](#). [Here's the website](#).

**Beyond Reading** September 2017

*University of Venezia, Italy*

This was a two-day event for professionals interested in reading on the Neurobiology and rehabilitation of Dyslexia.

**Salone Internazionale del Libro** May 2017

*Torino, Italy*

A yearly event organized by the *Fondazione per il Libro, la Musica e la Cultura* since 2008, attracting ~130K visitors/year. [Here's the website](#). I was invited to participate in a round table on reading on paper vs. digital support.

**Radar, Radio Rai** Mar 2017

*Regional state radio, Friuli Venezia Giulia*

An interview with Sofia Rossi and Daniela Picoi on my research on statistical learning and reading.

**L'Espresso** Feb 2017

*Weekly newspaper distributed nationally, Italy*

A journal article ("Se la mano tocca, il cervello risponde", *If the hand touches, the brain fires*) by Francesca Sironi featuring an interview with me on reading on paper vs. digital support.

**Internet Day Friuli Venezia Giulia** Apr 2016

*Trieste, Italy*

A one-day event organized by the Regional Government to promote digital literacy. [Here's the website](#). I was invited to give a talk on reading on paper vs. on digital support.

## Teaching

### Intramural.....

At SISSA, I teach yearly one module of *Cognitive Neuroscience of Language* and one module of *Data Analysis/Coding*. The former typically covers themes close to my research activity (linguistic morphology, word meaning, statistical learning in reading), while the latter focuses on data analysis and/or experiment delivery and data gathering, using [R](#) and/or [Python](#). These courses are primarily offered to first-year PhD students in Cognitive Neuroscience at

SISSA, but are often attended by extra people in the Department, and from partner bodies (e.g., University of Trieste), making up a pool of typically 10–15 people.

**As invited, external teacher**.....

<b>The Cognitive Neuroscience of Reading and Dyslexia</b>	<b>2019</b>
<i>Postgrad degree in Education, University of Perugia, Italy</i>	
2 hours taught to ~300 students.	
<b>Open Science in Psychology and Cognitive Neuroscience</b>	<b>2018</b>
<i>PhD School in Social Sciences, University of Genova, Italy</i>	
8 hours taught to ~10 students.	
<b>The meaning mind: How the brain digs out sense from the wor(l)d</b>	<b>2016</b>
<i>Scuola Galileiana, University of Padova, Italy</i>	
8 hours taught to ~12 students.	
<b>Linguistic impairments in brain damaged individuals</b>	<b>2013</b>
<i>School of Neurology, University of Milano Bicocca, Italy</i>	
2 hours taught to ~15 students.	
<b>Mixed-effects modeling</b>	<b>2013</b>
<i>PhD School in Neuroscience, University of Modena and Reggio Emilia, Italy</i>	
25 hours taught to ~10 students.	
<b>Mixed-effects modeling</b>	<b>2012</b>
<i>Rehabilitation Service, Gallarate Hospital, Italy</i>	
Tutorials. 12 hours taught to 5 speech therapists.	
<b>Computational models of reading</b>	<b>2009–2011</b>
<i>Faculty of Psychology, University of Milano Bicocca, Italy</i>	
15 hours taught to ~20 students.	
<b>Psychometrics</b>	<b>2006–2011</b>
<i>Faculty of Psychology, University of Milano Bicocca, Italy</i>	
Tutorials. 16 hours taught to ~100 students.	
<b>Multivariate data analysis</b>	<b>2006–2010</b>
<i>Faculty of Psychology, University of Milano Bicocca, Italy</i>	
Tutorials. 8 hours taught to ~60 students.	
<b>Statistics and research methodology</b>	<b>2010</b>
<i>European Master in Clinical Neurolinguistics, University of Milano Bicocca, Italy</i>	
Tutorials, taught in English. 8 hours taught to ~10 students.	
<b>Computational models of reading</b>	<b>2007–2009</b>
<i>European Master in Clinical Neurolinguistics, University of Milano Bicocca, Italy</i>	
Taught in English. 4 hours taught to ~10 students.	
<b>Syntactic impairments in aphasia</b>	<b>2005</b>
<i>Rehabilitation Service, Passirana di Rho Hospital, Italy</i>	
Tutorials. 4 hours taught to 4 speech therapists.	

**Academic Service and Management**

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<b>Member of the Academic Senate</b>	<b>since 2018</b>
<i>SISSA, Trieste, Italy</i>	

<b>Group Coordinator</b> <i>PhD in Cognitive Neuroscience, SISSA, Trieste, Italy</i>	2015–2020
<b>President</b> <i>Ethics Committee, SISSA, Trieste, Italy</i>	Nov 2015–Oct 2016
<b>Local deputy coordinator and student tutor</b> <i>European Master in Clinical Neurolinguistics, University of Milano Bicocca, Italy</i>	2010
<b>Student tutor</b> <i>European Master in Clinical Neurolinguistics, University of Milano Bicocca, Italy</i>	2008
<b>Student tutor</b> <i>European Master in Clinical Neurolinguistics, University of Milano Bicocca, Italy</i>	2007

### Clinical activity

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<b>Neuropsychologist</b> <i>Passirana di Rho hospital, Italy</i>	2006–2008
<b>Assistant neuropsychologist</b> <i>Passirana di Rho hospital, Italy</i>	2004–2005

### Professional and Learned Societies

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<b>The Experimental Psychology Society, UK</b> <i>Full Member</i>	since 2020
<b>The Society for the Neurobiology of Language</b> <i>Full Member</i>	since 2017
<b>The European Society for Cognitive Psychology (ESCoP)</b> <i>Full Member</i>	since 2015
<b>Italian Psychological Association (AIP), Experimental Psychology branch</b> <i>Member</i>	since 2015
<b>The Academy of Aphasia, US</b> <i>Regular Member</i>	since 2013
<b>The Psychonomic Society, US</b> <i>Fellow</i>	since 2012
<b>Lombardy Professional Psychologist Board, Italy</b> <i>Member</i>	since 2007

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