

# Davide Crepaldi

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## Current position

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**Associate Professor and Head of Cognitive Neuroscience** **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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C. Papagno, A. Casarotti, B. Zarino, and **D. Crepaldi**. A new test of action verb naming: Normative data from 290 Italian adults. *Neurological Sciences*, in press.

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*, in press.

- 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. Ingnoli, 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.

W.C. Che, **D. Crepaldi**, and C. Luzzatti. Effects of grammatical class and morphological structure in chinese: A mixed logit model study on picture and word naming. *Procedia: Social and Behavioral Sciences*, 6:139–140, 2010.

**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.

M. Berlingeri, **D. Crepaldi**, R. Roberti, G. Scialfa, C. Luzzatti, and E. Paulesu. Brain areas underlying retrieval of nouns and verbs: Grammatical class and task demand effects. *Brain and Language*, 103:156–157, 2007.

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, C. Ingnoli, **D. Crepaldi**, and C. Semenza. Noun-verb dissociation in aphasia: type/token differences in the analysis of spontaneous speech. *Brain and Language*, 99:170–171, 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.

**D. Crepaldi**, S. Aggujaro, L.S. Arduino, G. Zonca, G. Ghirardi, M.G. Inzaghi, M. Colombo, G. Chierchia, and C. Luzzatti. Naming of nouns and verbs in aphasia: preliminary results of a word retrieval task in a sentence context. *Brain and Language*, 91:150–151, 2004.

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.....

**Associate Editor:** *British Journal of Psychology*. From July 1, 2017.

**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](#)”.

**Editorial Board:** *Journal of Cognition*. From January 1, 2019.

**Reviewer:** I've reviewed ~125 papers for ~45 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*, *Neuroimage*, *Neuropsychology*, *Cortex*, *Brain and Language* and *Cognitive Neuropsychology*.

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

<b>Swiss National Science Foundation, NCCR scheme</b>	<b>2019</b>
<i>Reviewer</i>	
Funding up to 12 years and \$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.	
<b>Master and PhD Committees (as external, invited member).....</b>	
<b>Bar-Ilan University, Israel</b>	<b>2019</b>
<i>Maya Yablonski, PhD student in the Brain Research Center</i>	
Thesis title: Neural Pathways of Morphological Processing.	
<b>University of Milano-Bicocca, Italy</b>	<b>2018</b>
<i>Ilaria Mauri, PhD student in the Department of Psychology</i>	
Thesis title: The Relationship between Praxis and Language.	
<b>University of Milano-Bicocca, Italy</b>	<b>2017</b>
<i>Donatella Di Tucci, PhD student in the Department of Cognitive Sciences</i>	
Thesis title: Reading units in Italian children: Evidence from morphological, orthographic and semantic features on word reading process.	
<b>Macquarie University, Australia</b>	<b>2016</b>
<i>Ana Murteira, Master student in the Department of Cognitive Sciences</i>	
Thesis title: Taking Action in Hand: Effects of Gesture Observation on Action-Verb Naming.	
<b>University of New South Wales, Australia</b>	<b>2014</b>
<i>Joe Xu, PhD student in the Department of Psychology</i>	
Thesis title: The Effects of Semantic and Syntactic Factors on Complex Word Processing.	
<b>Tufts University, US</b>	<b>2014</b>
<i>Laura Blazej, Master student in the Department of Psychology</i>	
Thesis title: Processing Position Across Letters and Morphemes.	
<b>International School for Advanced Studies (SISSA), Italy</b>	<b>2014</b>
<i>Ritwik Kulkarni, PhD student in the Cognitive Neuroscience Sector</i>	
Thesis title: Exploring Language Mechanisms: The Mass-Count Distinction and The Potts Neural Network.	
<b>Talks at Research Departments.....</b>	
<b>Heriot Watt University, Edinburgh, UK</b>	<b>September 2018</b>
<i>Title: The Reading Brain as Statistical Learning Machine</i>	
<b>Invited</b> by Maria Garraffa and Anna Sedda.	
<b>Center for Mind/Brain Sciences, University of Trento, Italy</b>	<b>July 2018</b>
<i>Title: Implementing an open-everything policy in the lab</i>	
<b>Invited</b> by Carlo Miniussi. A podcast of the talk is available <a href="#">here</a> .	
<b>Cornell University, Ithaca, US</b>	<b>November 2017</b>
<i>Title: Reading as Statistical Learning (in spite of language arbitrariness?)</i>	
<b>Hosted</b> by Daniel Casasanto.	
<b>CNR, Pisa, Italy</b>	<b>October 2017</b>
<i>Title: Reading as Statistical Learning (in spite of language arbitrariness?)</i>	
<b>Invited</b> by Vito Pirrelli.	
<b>Center for Mind/Brain Sciences (CIMEC), Trento, Italy</b>	<b>May 2017</b>
<i>Title: The Reading Brain as a Statistical Learning Machine</i>	
<b>Invited</b> by Raffaella Bernardi.	
<b>Scuola Normale Superiore, Pisa, Italy</b>	<b>Apr 2016</b>
<i>Title: Word Identification as Revealed by Eye Tracking</i>	

Invited by Piermarco Bertinetto.

**Department of Psychology, Université Libre de Bruxelles, Belgium** Jan 2015

*Title: Word Identification in the Visual and Auditory Domains*

Invited by Fabienne Chetail and Alain Content.

**Department of Psychology, University of Chicago, US** Nov 2014

*Title: Word Structure and Word Identification*

Hosted by Daniel Casasanto.

**Department of Psychology, Università di Milano Bicocca, Italy** Jan 2014

*Title: On Word Frequencies in General and Subtitle-Based Frequencies for Italian*

Contributed. A joint effort with Emmanuel Keuleers (University of Gent, Belgium).

**Department of Psychology, Université de Montreal, Canada** Nov 2013

*Title: Nouns and verbs in the Brain: Task Effects and Neural Substrate*

Hosted by Phaedra Royle.

**CRBLM, McGill University, Canada** Nov 2013

*Title: A Tale of Two Morphologies: A Lemma Model of Complex Word Identification*

Hosted by Karsten Steinhauer and Kristina Kasparian.

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

*Title: Get it in a Bit! Early Steps in the Visual Identification of Complex Words*

Hosted by Emmanuel Keuleers and Marc Brysbaert.

**Department of Psychology, Università di Milano Bicocca, Italy** Jul 2009

*Title: Meaningless Morphemes and the Importance to Stay in the Right Place*

Contributed.

**Department of Psychology, Royal Holloway University of London, UK** Mar 2009

*Title: Morpheme Identity and Morpheme Position*

Hosted by Courtenay Norbury.

**Department of Psychology, Royal Holloway University of London, UK** May 2008

*Title: Nouns and Verbs in the Lexicon*

Hosted by Kathy Rastle.

**National Research Council, Rome, Italy** May 2007

*Title: Semantic and Morphological Priming between Nouns and Verbs*

Hosted by Saskia Arduino.

**MACCS, Macquarie University, Australia** May 2006

*Title: Modeling the Recognition of Morphologically Complex Written Words*

Hosted by Max Coltheart and Lyndsey Nickels.

**Invited Talks at International Congresses.....**

**The Science of Aphasia** Sept 2016

*Venezia, Italy*

*Title: The Reading Brain as a Statistical Learning Machine*

**European Workshop on Cognitive Neuropsychology** Jan 2013

*Bressanone, Italy*

*Title: The Lemma in the Reading System*

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

Since 2004, I've presented ~150 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 Rovereto, Italy*

This was the consolidation of the 2018 event (see next entry), which we initially conceived as one-off, but we 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 Repubblica** **Oct 2018**

*Roma, Italy*

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

- Memex Galileo** **Oct 2018**  
*RAI, Rome, Italy*  
 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** **Mar 2017**  
*Radio Rai Friuli Venezia Giulia*  
 An interview with Sofia Rossi and Daniela Picoi on my research on statistical learning and reading.
- L'Espresso** **Feb 2017**  
*Roma, 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

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**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**.....

- Open Science in Psychology and Cognitive Neuroscience** **2018**  
*PhD School in Social Sciences, University of Genova, Italy*  
 8 hours taught to ~10 students.
- The meaning mind: How the brain digs out sense from the wor(l)d** **2016**  
*Scuola Galileiana, University of Padova, Italy*  
 8 hours taught to ~12 students.

<b>Linguistic impairments in brain damaged individuals</b> <i>School of Neurology, University of Milano Bicocca, Italy</i> 2 hours taught to ~15 students.	2013
<b>Mixed-effects modeling</b> <i>PhD School in Neuroscience, University of Modena and Reggio Emilia, Italy</i> 25 hours taught to ~10 students.	2013
<b>Mixed-effects modeling</b> <i>Rehabilitation Service, Gallarate Hospital, Italy</i> Tutorials. 12 hours taught to 5 speech therapists.	2012
<b>Computational models of reading</b> <i>Faculty of Psychology, University of Milano Bicocca, Italy</i> 15 hours taught to ~20 students.	2009–2011
<b>Psychometrics</b> <i>Faculty of Psychology, University of Milano Bicocca, Italy</i> Tutorials. 16 hours taught to ~100 students.	2006–2011
<b>Multivariate data analysis</b> <i>Faculty of Psychology, University of Milano Bicocca, Italy</i> Tutorials. 8 hours taught to ~60 students.	2006–2010
<b>Statistics and research methodology</b> <i>European Master in Clinical Neurolinguistics, University of Milano Bicocca, Italy</i> Tutorials, taught in English. 8 hours taught to ~10 students.	2010
<b>Computational models of reading</b> <i>European Master in Clinical Neurolinguistics, University of Milano Bicocca, Italy</i> Taught in English. 4 hours taught to ~10 students.	2007–2009
<b>Syntactic impairments in aphasia</b> <i>Rehabilitation Service, Passirana di Rho Hospital, Italy</i> Tutorials. 4 hours taught to 4 speech therapists.	2005

## **Administration and Academic Service**

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<b>Member of the Academic Senate</b> <i>SISSA, Trieste, Italy</i>	since 2018
<b>Program Coordinator</b> <i>PhD in Cognitive Neuroscience, SISSA, Trieste, Italy</i>	since 2015
<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 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

Updated March 13, 2020